



CERTIFICATE OF ANALYSIS

Date: December 31, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Attention: L. G. Haefner

Railcar No.: ACFX 41162

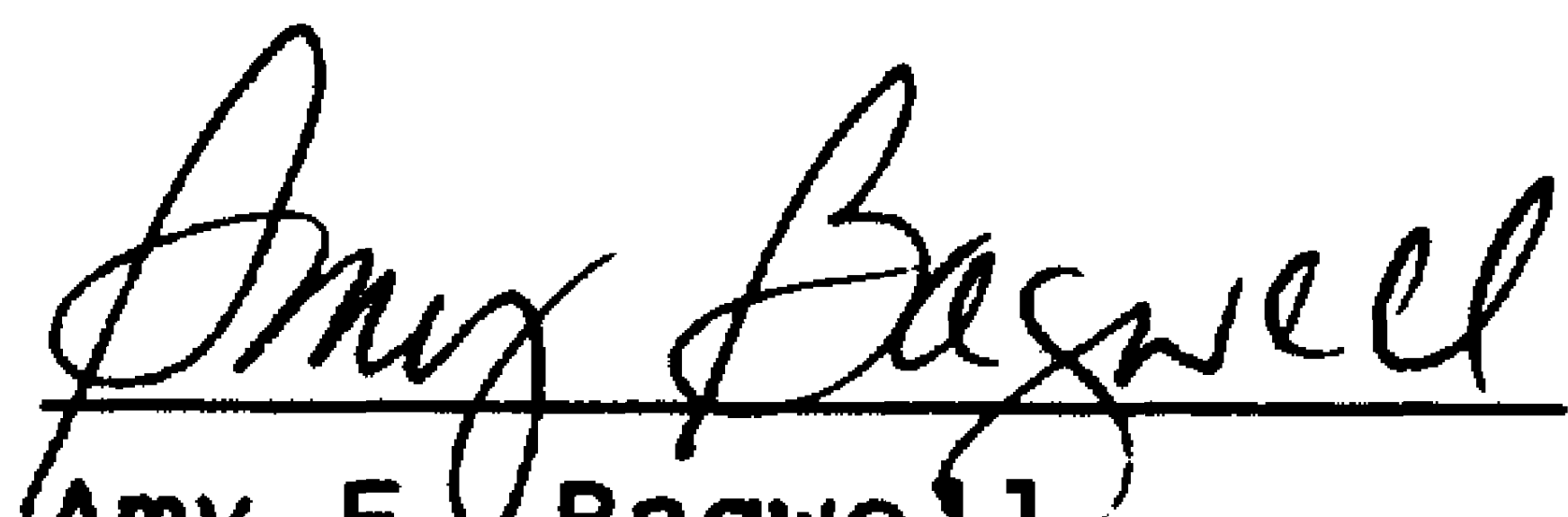
Ship Date: December 29, 1992

Order No.: 0019422-001

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.16
Bulk Density	ABR-2A	0.537
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		9.8
Pan		1.9
Residual VCM, PPM	ABGC-26	0.483
Inherent Viscosity	ABR-10	0.72

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 12-18-92Product: 5305Car No.: 41162Time Logged In: 2300Logged In By: M-ASilo(s): 687, 688Ship Date: 12/29 Order No: 19422-001 Customer: ~~Stone~~ / Premier*no metal*

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.15		.11		.16		.14	
Contamination	BL							
	BR							
	<u>4</u>	<u>—</u>	<u>3</u>	<u>—</u>	<u>2</u>	<u>—</u>	<u>4</u>	<u>—</u>
	<u>6</u>		<u>7</u>		<u>5</u>		<u>6</u>	
Bulk Density	.540		.538		.533		.535	
BD w/antistat								
Viscosity	.722		.724		.717		.722	
RVCM	.483		.151		.001		.025	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	<u>1/1</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.09</u>	<u>4.92</u>	<u>11.88</u>	<u>16.85</u>	<u>10.22</u>	<u>4.89</u>	<u>.75</u>
%	<u>0.0</u>	<u>.2</u>	<u>9.8</u>	<u>23.8</u>	<u>34.1</u>	<u>20.4</u>	<u>9.8</u>	<u>1.9</u>

Avg. Microns: 140.1% Glassies: <1%Color L: 99.79 a .62 b 1.70Static Flow: 0 / 7.5Technician: M-A

CERTIFICATE OF ANALYSIS

Date: December 29, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

Railcar No.: VIPX 45787

Ship Date: December 22, 1992

Order No.: 0016429-007

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.3 Max.	0.28
Inherent Viscosity	ABR-10	0.48 - 0.54	0.49
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	0.0
% On 200 Mesh		*NDS	19.2
% On Pan		5.0 Max.	2.7
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, PPM	ABGC-26	8.5 Max.	1.564

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 9-20-92Product: 5225Car No.: 45787Time Logged In: 1700Logged In By: M.TSilo(s): 685Ship Date: 12/22Order No: 16429-007Customer: PremierNO TEST

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.02		.08		.28		.18	
Contamination	BL <u>14</u>	—	12	—	23	—	9	—
	BR <u>14</u>		11		9		19	
Bulk Density	.580		.581		.564		.546	
BD w/antistat								
Viscosity	.490		.487		.484		.490	
RVCM	.766		.589		.524		1.564	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.51</u>	<u>4.32</u>	<u>6.80</u>	<u>13.00</u>	<u>14.56</u>	<u>9.58</u>	<u>1.34</u>
%	<u>0.0</u>	<u>1.0</u>	<u>8.6</u>	<u>13.6</u>	<u>25.8</u>	<u>22.1</u>	<u>19.2</u>	<u>2.7</u>

% Classies: _____ Avg. Microns: 131.0Color L: 96.64 a 1.70 b 1.88 Static Flow: 0 / 78Technician: J.T.+HDL

Vista Polymers
A Division of
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Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: December 17, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Railcar No.: VIPX 45719

Attention: L. G. Haefner

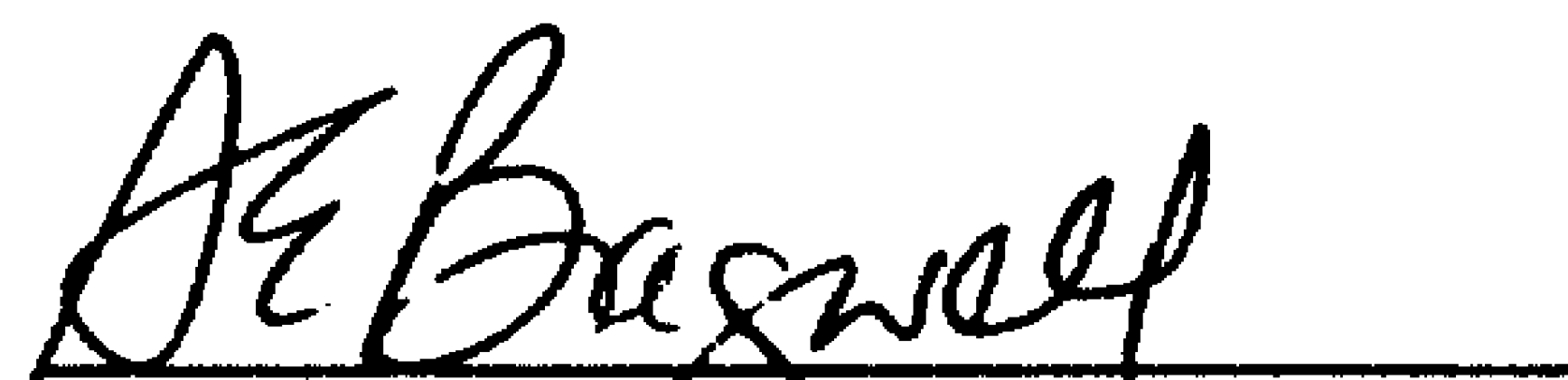
Order No.: 0019422-000

Ship Date: December 15, 1992

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.12
Bulk Density	ABR-2A	0.540
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		9.5
Pan		3.4
Residual VCM, PPM	ABGC-26	0.010
Inherent Viscosity	ABR-10	0.72

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Amy E. Bagwell
Laboratory Supervisor

Vista Polymers

Highway 25

Aberdeen, MS 39730

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PVC RAILCAR ANALYSIS

Load Date: 10-27-92Product: 5305Car No.: 45719Time Logged In: 1330Logged In By: DTSilo(s): 679+680Ship Date: 12/15/92Order No: 009422-000Customer: ~~Home~~ Premierno metal

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.07		.11		.12		.11	
Contamination	BL		19		35		35	
	BR	40	19		100		60	
Bulk Density	.543		.539		.537		.540	
BD w/antistat								
Viscosity	.723		.722		.724		.722	
RVCM	.010		.057		.010		.013	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	10/10							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>.26</u>	<u>5.53</u>	<u>10.86</u>	<u>15.60</u>	<u>11.18</u>	<u>4.77</u>	<u>1.68</u>
% ?	<u>0.0</u>	<u>.5</u>	<u>11.1</u>	<u>21.7</u>	<u>31.4</u>	<u>22.4</u>	<u>9.5</u>	<u>3.4</u>

Avg. Microns: 139.4% Glassies: 41.90Color L: 99.36 a 0.09 b 1.71Static Flow: 0.17.8Technician: M.T

CERTIFICATE OF ANALYSIS

VISTA

Date: 12/15/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 05044

Attention: L. G. Haefner

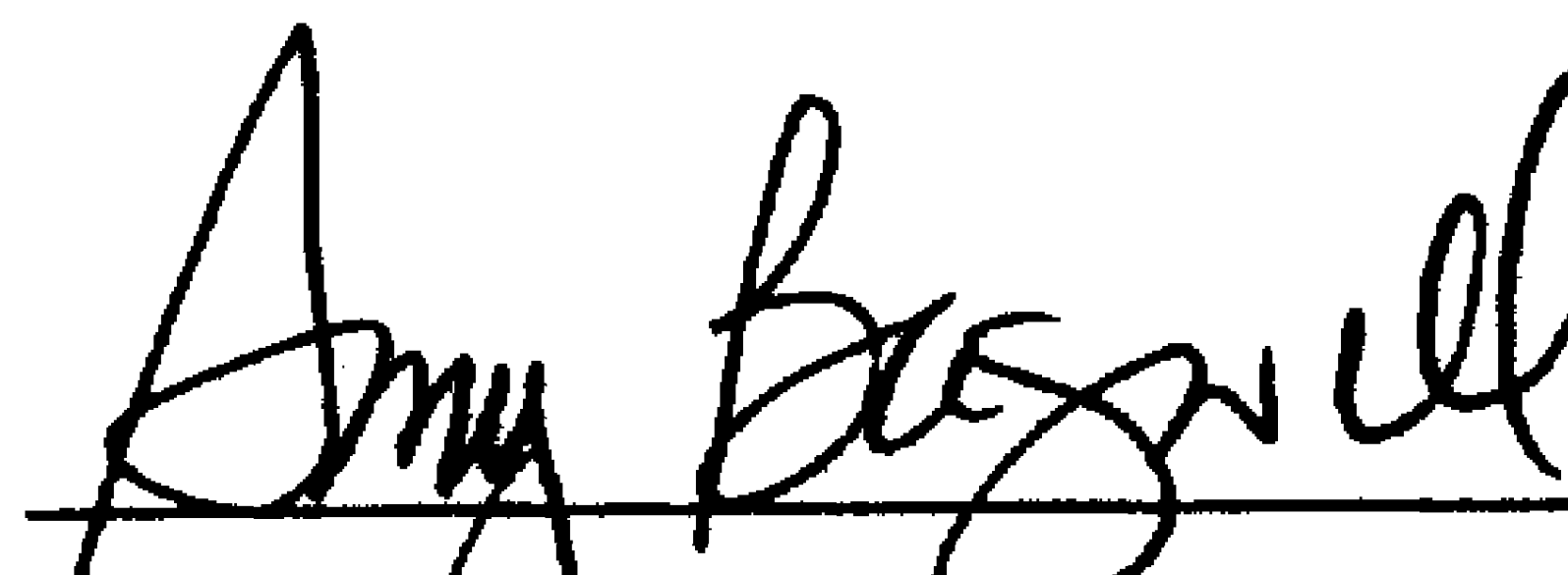
Order No.: 0017073-002

Ship Date: 12/14/92

Trailer No.: T-8232

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.21</u>
Bulk Density, gm/cc	ABR-2A	0.480 Min.	<u>0.511</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>7.1</u>
% On Pan		5.0 Max.	<u>2.3</u>
Average Microns		140 - 160	<u>142</u>
Cold Plasticizer Absorption	ABR-16	No Spec.	<u>25.8</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.102</u>
Inherent Viscosity	ABR-10	0.78 - 0.84	<u>0.81</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05044 PRODUCT: 5325 DATE: 10-16-92 TIME/TESTED BY: GATES 1500

Avg. Microns, 5225/5325/5415: 142.2

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			X GLASSY	VISC.	RVCH
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.13	5.40	12.18	17.46	9.94	3.54	1.17	<u>12</u> <u>40</u>								
			0.00	.3	10.8	24.4	35.2	19.9	7.1	2.3									
SKID #1	.16	3/4																.810	
SKID #4	.17	2/5																	
SKID #7	.21	2/8																	
SKID #10	.14	1/4																	
SKID #13	.11	2/6																.811	
SKID #16	.15	3/8																	
SKID #19	.13	3/5																	
SKID #22	.12	2/9																	
SKID #25	.15	4/8																.809	
SKID #28	.15	2/5																	
SKID #31	.16	3/7																	
SKID #34	.19	3/5																	
SKID #37	.14	2/7																.805	

Vista Polymers
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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 12/15/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05059

Attention: L. G. Haefner

Order No.: 0017643-001

Ship Date: 12/8/92

Trailer No.: T-6135

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.18</u>
Bulk Density, gm/cc	ABR-2A	0.520 Min.	<u>0.554</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>12.8</u>
% On Pan		5.0 Max.	<u>1.6</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.062</u>
Inherent Viscosity	ABR-10	0.63 - 0.70	<u>0.66</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RES. BAG BLEND

BLEND NO: 05059 PRODUCT: 5265 DATE: 11-23-92 TIME/TESTED BY: 2210 msh

AVG. MICRONS, 5225/5325/5415:

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/G MIN. H/P	DRY TIME	STATIC FLOW	COLOR			X GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.11	3.54	10.31	16.22	12.20	6.40	.82		50+		0/8.2	99.75	.23	1.57			
			0.0	.2	7.1	21.6	32.3	24.4	12.8	1.6	.554	35								.062
SKID #1	.14	4/6																		.665
SKID #4	.11	3/7																		
SKID #7	.15	5/7																		
SKID #10	.18	3/8																		
SKID #13																				
SKID #16																				
SKID #19																				
SKID #22																				
SKID #25																				
SKID #28																				
SKID #31																				
SKID #34																				
SKID #37																				

21300#
rel 11/25/92

CERTIFICATE OF ANALYSIS

Date: 12/15/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05063

Attention: L. G. Haefner

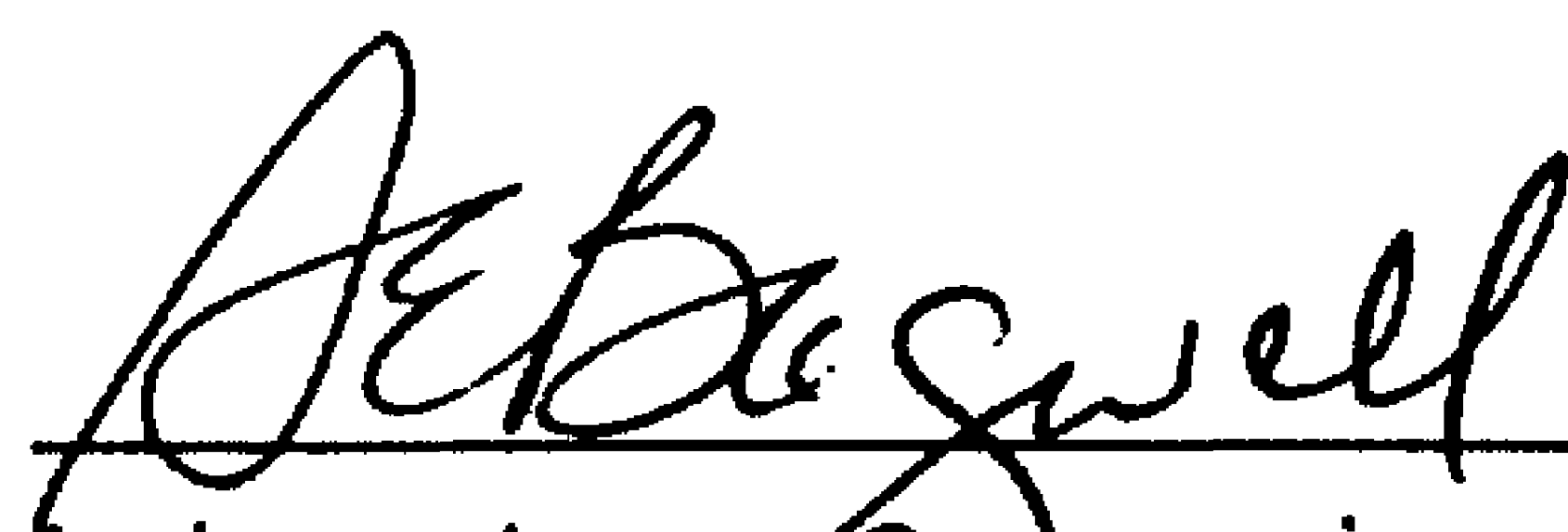
Order No.: 0017643-001

Ship Date: 12/8/92

Trailer No.: T-6135

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.22</u>
Bulk Density, gm/cc	ABR-2A	0.520 Min.	<u>0.548</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>13.8</u>
% On Pan		5.0 Max.	<u>2.0</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.188</u>
Inherent Viscosity	ABR-10	0.63 - 0.70	<u>0.67</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RES BAG BLEND

BLEND NO: 05063 PRODUCT: 5265 DATE: 11-27-92 TIME/TESTED BY: CVES

Avg. Microns, 5225/5325/5415: _____

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS H/P	DRY TIME	STATIC FLOW	COLOR			X GLASSY	VISC.	RVCK
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37		0.00	.08	3.25	11.03	15.62	12.10	6.88	1.00									
			0.0	.2	6.5	22.1	31.2	24.2	13.8	2.0	548		0/8.0	99.09	.91	1.74			.188
SKID #1	.13	3/3																.667	
SKID #4	.15	4/6																	
SKID #7	.20	3/8																	
SKID #10	.14	2/7																	
SKID #13	.10	4/6																.673	
SKID #16	.16	2/9																	
SKID #19	.22	4/11																	
SKID #22	.17	2/8																	
SKID #25	.11	4/10																.670	
SKID #28	.10	3/12																	
SKID #31	.15	2/8																	
SKID #34	.21	4/8																	
SKID #37	.14	2/5																.665	

released 12/2/92

Vista Polymers
A Division of
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Highway 25
Post Office Box 91

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CERTIFICATE OF ANALYSIS

Date: December 3, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 05045

Attention: L. G. Haefner

Order No.: 00017073-001

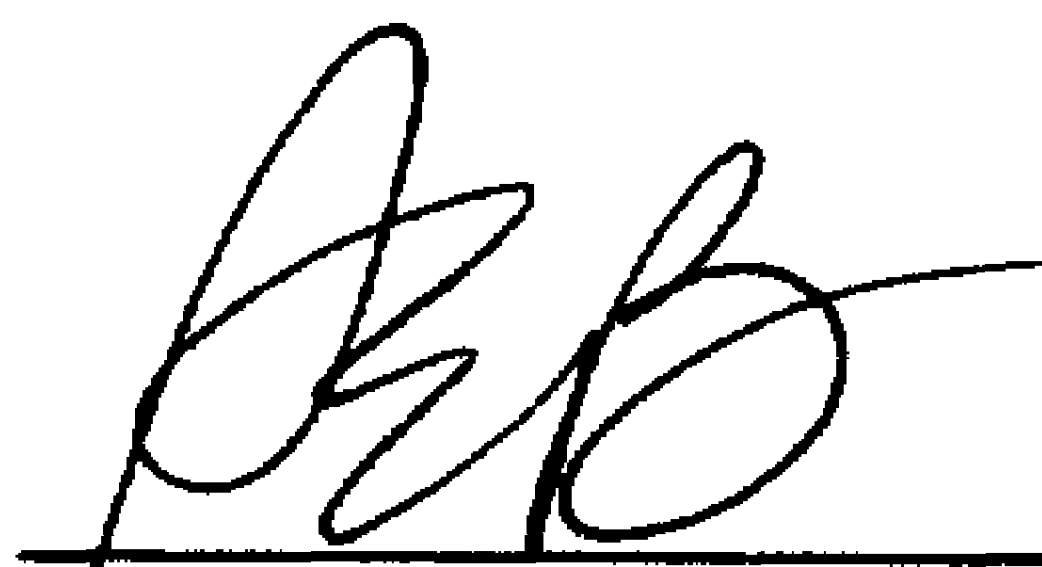
Ship Date: December 1, 1992

Trailer No.: T-7956

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.30</u>
Bulk Density, gm/cc	ABR-2A	0.480 Min.	<u>0.510</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>7.0</u>
% On Pan		5.0 Max.	<u>2.0</u>
Average Microns		140 - 160	<u>142.5</u>
Cold Plasticizer Absorption	ABR-16	No Spec.	<u>25.9</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.109</u>
Inherent Viscosity	ABR-10	0.78 - 0.84	<u>0.81</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Laboratory Supervisor/Lead

RES. BAG BLEND

BLEND NO: 05045

PRODUCT: 5325

DATE: 10/16/92

TIME/TESTED BY: 2300 HOS/MT

Avg. Microns, 5225/5325/5415: 142.5

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			X GLASSY	VISC.	RYCM
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE RESULTS	COMPOSITE OR 1, 13, 25 & 37		0.0	0.15	5.40	12.35	17.43	10.02	3.52	1.04	50		0						
			0.0	0.3	10.8	24.7	35.1	20.0	7.0	2.1	29		7.4	10.23	0.17	1.55	25.9	<1%	.109
SKID #1	.30	9/14																.805	
SKID #4	.28	3/4																	
SKID #7	.26	3/7																	
SKID #10	.27	11/12																	
SKID #13																			
SKID #16																			
SKID #19																			
SKID #22																			
SKID #25																			
SKID #28																			
SKID #31																			
SKID #34																			
SKID #37																			

20,250 lbs ± part of #10 skid

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: December 3, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 05016

Attention: L. G. Haefner

Order No.: 00017073-001

Ship Date: December 1, 1992

Trailer No.: T-7956

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.22</u>
Bulk Density, gm/cc	ABR-2A	0.480 Min.	<u>0.504</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>9.0</u>
% On Pan		5.0 Max.	<u>3.1</u>
Average Microns		140 - 160	<u>140.0</u>
Cold Plasticizer Absorption	ABR-16	No Spec.	<u>25.5</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.096</u>
Inherent Viscosity	ABR-10	0.78 - 0.84	<u>0.80</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05016 PRODUCT: 5325 DATE: 8/18/92 TIME/TESTED BY: 1400 HCL/DT

AVG. Microns, 5225/5325/5415: 140.0

SKID NO.	MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/T MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 26			0.00	0.11	5.55	11.65	16.17	10.60	4.52	1.55		12/2	—	1/21.9	100.0	0.35	1.23	25.5	<1	0.96
SKID #1	.18	6/6									.515 WITH FISIL								.797	
SKID #4	.20	5/3									ALL OTHER SAMPLES									
SKID #7	.19	6/5									.504									
SKID #10	.17	4/8																		
SKID #13	.18	5/3																	.799	
SKID #16	.18	4/8																		
SKID #19	.20	6/13																		
SKID #22	.21	5/17																		
SKID #25	.19	4/5																	.798	
SKID #28	22	10/12																		
SKID #31																				
SKID #34																				
SKID #37																				

200'59

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Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: December 3, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04975

Attention: L. G. Haefner

Order No.: 00017073-001

Ship Date: December 1, 1992

Trailer No.: T-7956

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.21</u>
Bulk Density, gm/cc	ABR-2A	0.480 Min.	<u>0.510</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>4.8</u>
% On Pan		5.0 Max.	<u>1.8</u>
Average Microns		140 - 160	<u>148.1</u>
Cold Plasticizer Absorption	ABR-16	No Spec.	<u>27.3</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.077</u>
Inherent Viscosity	ABR-10	0.78 - 0.84	<u>0.81</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04975 PRODUCT: 5325 DATE: 6-3-92 TIME/TESTED BY: 1930 JPS CB

AVG. MICRONS, 5225/5325/5415: 148.1

SKID NO.	% MOIST	BLK/BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCK
			40	60	80	100	120	140	200	PAN					L	A	B			
COMP. SAMPLES			0.0	.10	6.95	14.48	17.19	8.02	2.38	.90										
			0.0	.2	13.9	27.0	34.3	16.0	4.8	1.8	.510	38 1/8 PC		78.099.95	0.42	1.67	27.3	<1%		.077
NO. 1	.19	7/5																		
NO. 4	.19	3/5																		.807
NO. 7	.21	2/9																		.807
NO. 10	.19	4/7																		
NO. 13	.20	6/10																		
NO. 16																				
NO. 19																				

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: December 3, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04912

Attention: L. G. Haefner

Order No.: 00017073-001

Ship Date: December 1, 1992

Trailer No.: T-7956

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.13</u>
Bulk Density, gm/cc	ABR-2A	0.480 Min.	<u>0.486</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>6.4</u>
% On Pan		5.0 Max.	<u>1.2</u>
Average Microns		140 - 160	<u>144.3</u>
Cold Plasticizer Absorption	ABR-16	No Spec.	<u>25.9</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.737</u>
Inherent Viscosity	ABR-10	0.78 - 0.84	<u>0.81</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 3-13-92
Product Type 5325

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. % Moisture	Static Flow	L & N Values			CPA Glassy	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04912	10/30 RH		1/10			.34	23.11	44.34	48.77	21.51	5.76	44		Microns	144.27			20	50	80		
			SK:4																		25.9	
			1	.05																		
			4	.13																		
			7	.11																		
			10	.06																		
			13	.07																		
			16	.08																		
			19	.08																		

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: November 30, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Railcar No.: ACFX 41163

Attention: L. G. Haefner

Order No.: 0018345-001

Ship Date: November 25, 1992

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.16
Bulk Density	ABR-2A	0.539
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		6.2
Pan		1.4
Residual VCM, PPM	ABGC-26	0.139
Inherent Viscosity	ABR-10	0.72

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

Vista Polymers

Highway 25

Aberdeen, MS 39730

A

Last Cont? 5325

PVC RAILCAR ANALYSIS

Load Date: 11-20-92Product: 5305Car No.: 41163Time Logged In: 1030Logged In By: M.TSilo(s): 679-678Ship Date: 11/25/92Order No: 0018345-001Customer: Premier

no metal

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.14		.11		.16		.13	
Contamination	BL		4		6		8	
	BR		8		9		8	
Bulk Density	.542		.540		.536		.538	
BD w/antistat								
Viscosity	.722		.719		.723		.723	
RVCM	.139		.290		.051		.055	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	1/1							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>2.10</u>	<u>11.31</u>	<u>12.55</u>	<u>13.30</u>	<u>6.95</u>	<u>3.10</u>	<u>.69</u>
%	<u>0.0</u>	<u>4.2</u>	<u>22.6</u>	<u>25.1</u>	<u>26.6</u>	<u>13.9</u>	<u>6.2</u>	<u>1.4</u>

Avg. Microns: 161.9% Glassies: <1%Color L: 99.82 a .30 b 1.65 Static Flow: 0 / 8.2Technician: MH

CERTIFICATE OF ANALYSIS

VISTA

Date: November 23, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Railcar No.: UTCX 46421

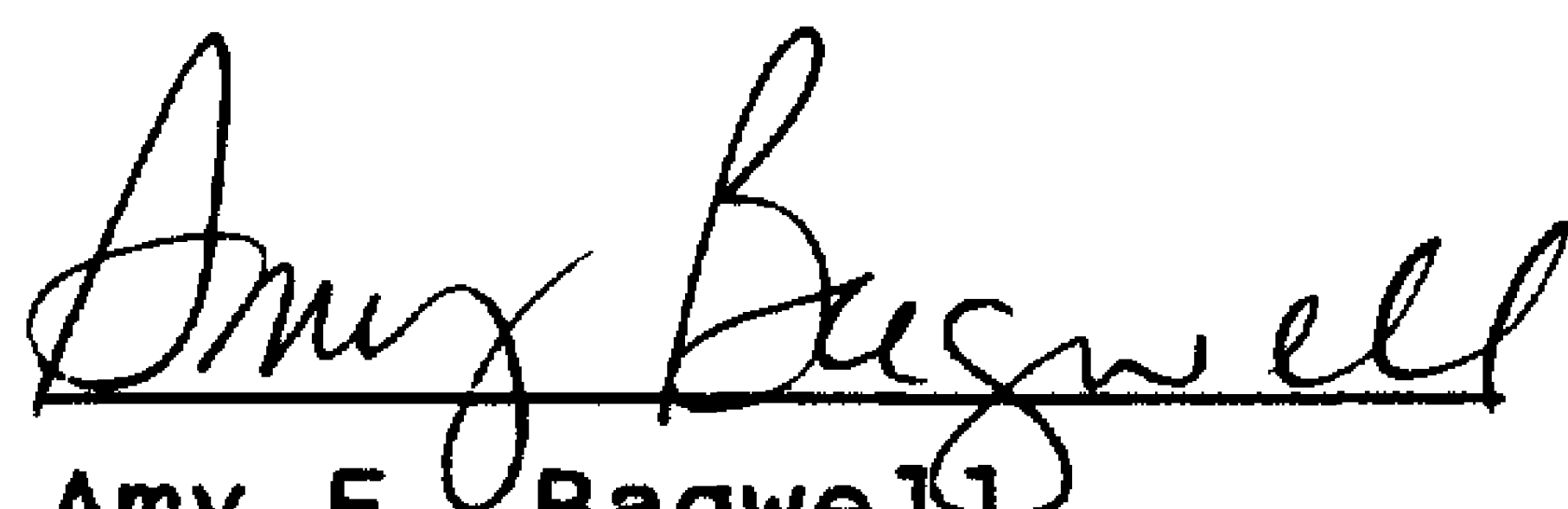
Attention: L. G. Haefner

Order No.: 0018345-002

Ship Date: November 20, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.11
Bulk Density	ABR-2A	0.536
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		10.5
Pan		2.2
Residual VCM, PPM	ABGC-26	0.154
Inherent Viscosity	ABR-10	0.73

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

Vista Polymers

Highway 25

Aberdeen, MS 39730

A

PVC RAILCAR ANALYSIS

Load Date: 10-25-92Product: 5305Car No.: 46421Time Logged In: 0200Logged In By: mySilo(s): 687, 688Ship Date: 11/20Order No: 18345-002Customer: ~~Premier~~ Premier

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.11		.07		.04		.07	
Contamination	BL							
	BR							
	<u>10</u>	<u>—</u>	<u>17</u>	<u>—</u>	<u>13</u>	<u>—</u>	<u>8</u>	<u>—</u>
	<u>12</u>		<u>14</u>		<u>14</u>		<u>11</u>	
Bulk Density	.542		.541		.530		.533	
BD w/antistat								
Viscosity	.729		.724		.722		.724	
RVCM	.154		.066		.077		.139	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	<u>10</u> <u>12</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>0.33</u>	<u>4.75</u>	<u>10.34</u>	<u>15.96</u>	<u>12.07</u>	<u>5.24</u>	<u>1.10</u>
% P	<u>0.0</u>	<u>.7</u>	<u>9.5</u>	<u>20.7</u>	<u>32.3</u>	<u>24.1</u>	<u>10.5</u>	<u>2.2</u>

Avg. Microns: 138.6% Glassies: 41%Color L: 99.80 a 0.18 b 1.51Static Flow: 0.168Technician: MIT & RST

CERTIFICATE OF ANALYSIS

Date: 11/19/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 05038

Attention: L. G. Haefner

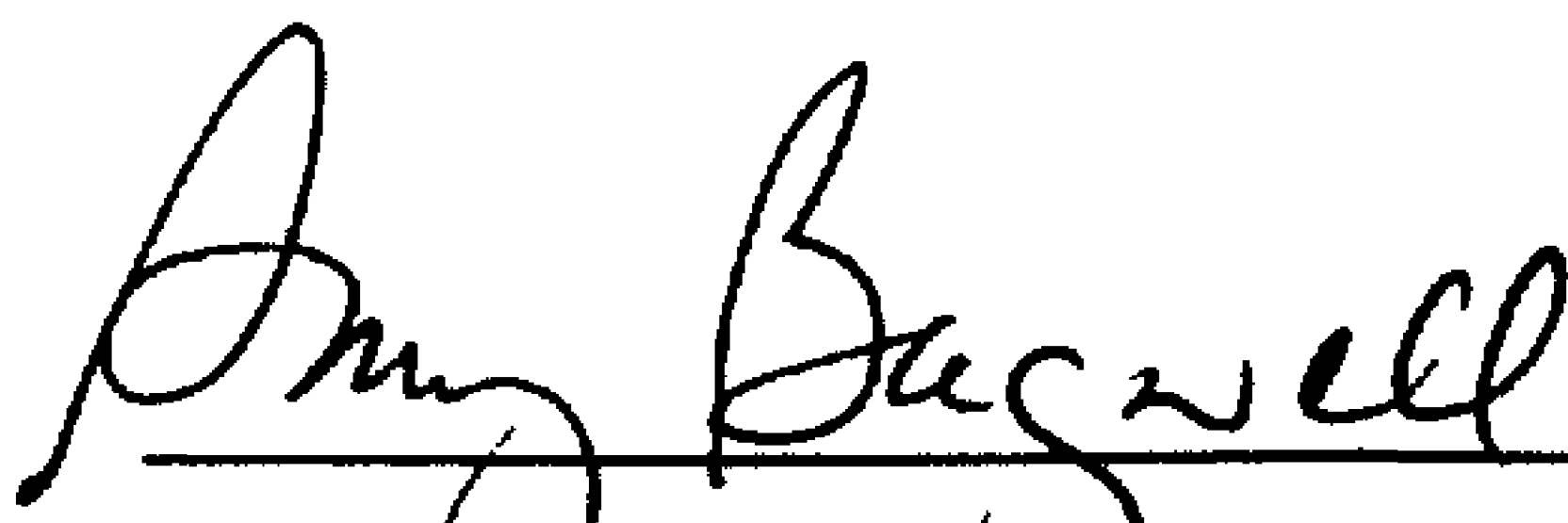
Order No.: 0017438-001

Ship Date: 11/17/92

Trailer No.: T-8029

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.26</u>
Hard Particles @ 7 mins.	ABR-12	25 Max.	<u>1</u>
Bulk Density, gm/cc	ABR-2A	0.440 Min.	<u>0.514</u>
Barbender Dry Time, mins.	ABR-7	5.5 Max.	<u>4.8</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>13.2</u>
% On Pan		5.0 Max.	<u>3.2</u>
*Specification is 20.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.008</u>
Inherent Viscosity	ABR-10	0.94 - 0.98	<u>0.96</u>


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05038

PRODUCT: 5395

DATE: 9/28/92

TIME/TESTED BY: 1100

482

Avg. Microns, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			000 0.08	4.40	14.14	14.6	18.52	6.60	1.62		2	0	0/	100.84	0.00	1.79			.008
			00 0.1	8.8	28.3	29.4	17.0	13.2	3.2		54.1	4.8	9.3						
SKID #1	.23	5/7																.961	
SKID #4	.18	4/6																	
SKID #7	.19	5/6																	
SKID #10	.21	5/8																	
SKID #13	.23	3/5																.962	
SKID #16	.21	8/7																	
SKID #19	.23	4/4																	
SKID #22	.21	8/5																	
SKID #25	.24	3/14																.944	
SKID #28	.23	6/6																	
SKID #31	.26	7/4																	
SKID #34	.19	5/9																	
SKID #37	.26	4/10																.960	

CERTIFICATE OF ANALYSIS

Date: 11-15-92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 6018592-000

Ship Date: 11-15-92

Trailer No.: T-376

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>.08</u>
Bulk Density, gm/cc	ABR-2A	0.510 Min.	<u>.521</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>17.4</u>
% On Pan		5.0 Max.	<u>2.8</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.066</u>
Inherent Viscosity	ABR-10	0.71 - 0.76	<u>0.73</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 11-15-92 Product 5305 Trailer Number T-376
 Customer Premier Polymers Silo 684 Time 1230
 Technician Cot E & Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.08</u>		1. <u>3/4</u>		1. <u>—</u>	1. <u>.521</u>	1. <u>—</u>	L =		<u>0/11.4</u>
	2.		2.		2.	2.	2.	A =		
MIDDLE	1.		1.		1.	1.	1.	B =		
	2.		2.		2.	2.	2.	L =		
END	1.		1.		1.	1.	1.	A =		
	2.		2.		2.	2.	2.	B =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>0.05</u>	<u>2.94</u>	<u>7.11</u>	<u>16.03</u>	<u>13.75</u>	<u>8.71</u>	<u>1.40</u>	
% on Mesh	<u>0.00</u>	<u>0.1</u>	<u>5.9</u>	<u>14.2</u>	<u>32.1</u>	<u>27.5</u>	<u>17.4</u>	<u>2.8</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

CERTIFICATE OF ANALYSIS

VISTA

Date: Nov. 12, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

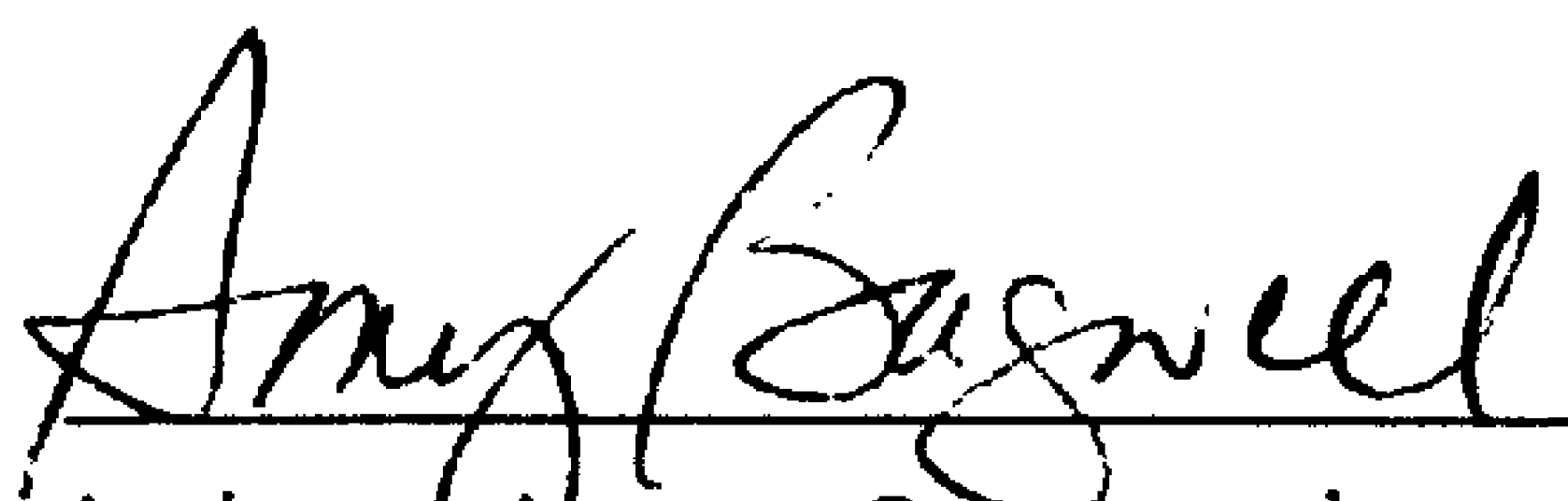
Order No.: 001847-000

Ship Date: Nov. 12, 1992

Trailer No.: T-383

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.07</u>
Bulk Density, gm/cc	ABR-2A	0.510 Min.	<u>0.513</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>14.5</u>
% On Pan		5.0 Max.	<u>2.9</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.007</u>
Inherent Viscosity	ABR-10	0.71 - 0.76	<u>0.73</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 11-12-92 Product S305 Trailer Number T-383
 Customer Premiere Silo 683 Time 1330
 Technician MA Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.09</u>		1. <u>3/7</u>		1. <u>—</u>	1. <u>.513</u>	1. <u>—</u>	L = <u>99.79</u>	<u>Flow</u> <u>7.6</u>	
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>.15</u>		
MIDDLE	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		
END	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>.03</u>	<u>3.46</u>	<u>7.74</u>	<u>16.43</u>	<u>13.54</u>	<u>7.26</u>	<u>1.46</u>	
% on Mesh	<u>0.0</u>	<u>.1</u>	<u>6.9</u>	<u>15.5</u>	<u>33.0</u>	<u>27.1</u>	<u>14.5</u>	<u>2.9</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

CERTIFICATE OF ANALYSIS

VISTA

Date: 11/16/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05040

Attention: L. G. Haefner

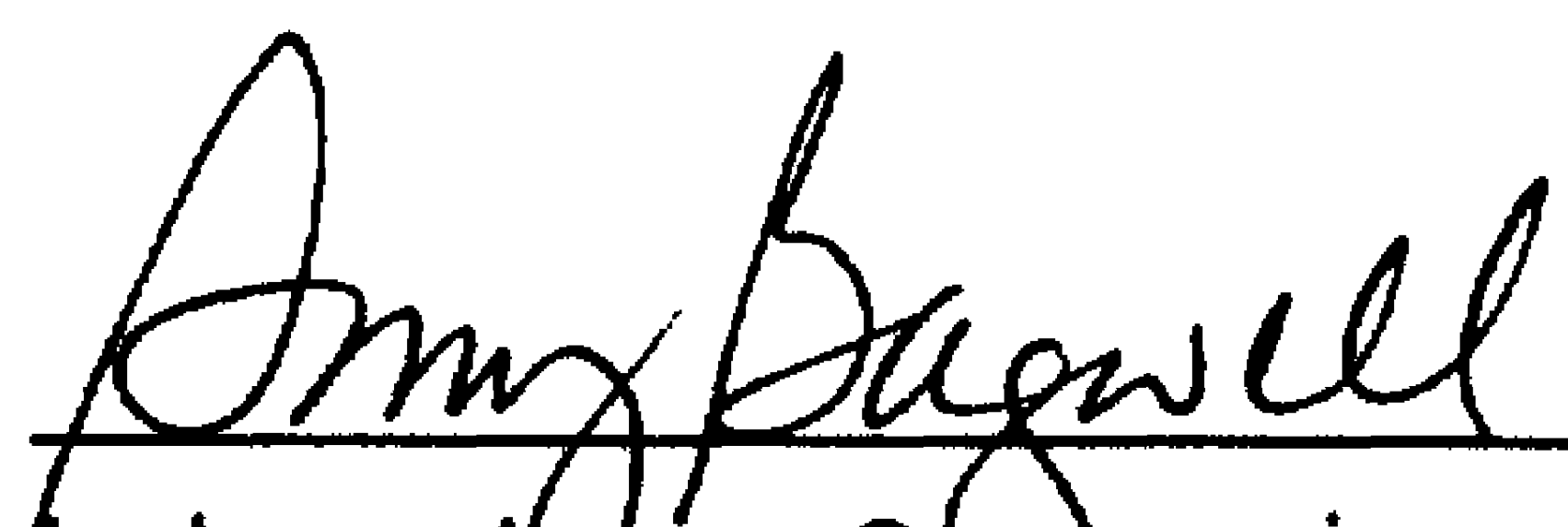
Order No.: 0016084-001

Ship Date: 11/12/92

Trailer No.: T-8454

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.16</u>
Bulk Density, gm/cc	ABR-2A	0.520 Min.	<u>0.538</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>11.4</u>
% On Pan		5.0 Max.	<u>2.4</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.040</u>
Inherent Viscosity	ABR-10	0.63 - 0.70	<u>0.67</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05040 PRODUCT: 5265 DATE: 10-1-92 TIME/TESTED BY: 1215 M&A CO

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0	.15	4.38	9.76	16.23	12.71	5.74	1.22		23			99.83	.68	1.89			
			0.0	.3	8.8	19.5	32.2	25.4	11.4	2.4	.538	13	-	0/7.8						.640
SKID #1	.10	2/5																	.686	
SKID #4	.15	4/6																		
SKID #7	.10	3/5																		
SKID #10	.08	2/7																		
SKID #13	.14	4/4																	.671	
SKID #16	.12	3/7																		
SKID #19	.11	4/6																		
SKID #22	.15	2/2																		
SKID #25	.11	1/4																	.662	
SKID #28	.14	3/8																		
SKID #31	.16	1/5																		
SKID #34	.09	3/5																		
SKID #37	.12	2/6																	.672	

CERTIFICATE OF ANALYSIS

VISTA

Date: 11/16/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05046

Attention: L. G. Haefner

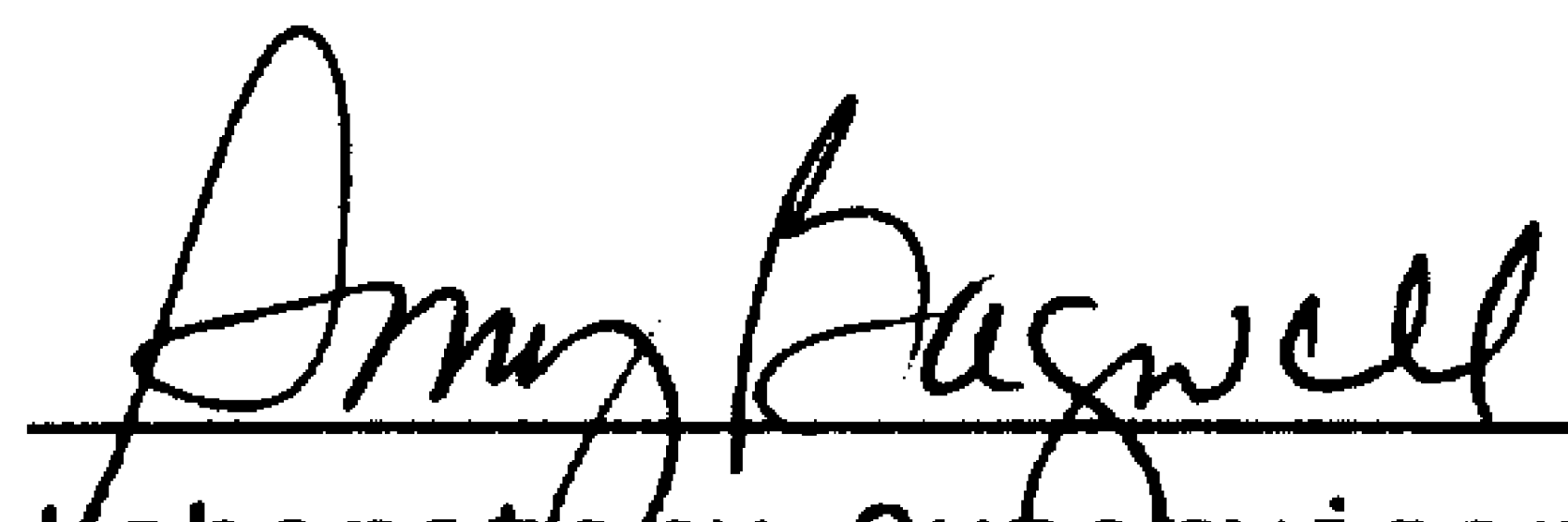
Order No.: 0016084-001

Ship Date: 11/12/92

Trailer No.: T-8454

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.24</u>
Bulk Density, gm/cc	ABR-2A	0.520 Min.	<u>0.548</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>10.7</u>
% On Pan		5.0 Max.	<u>2.0</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.061</u>
Inherent Viscosity	ABR-10	0.63 - 0.70	<u>0.66</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05046 PRODUCT: 5265 DATE: 10-26-92 TIME/TESTED BY: 0800/ST.FEL

Avg. Microns, S225/S325/S415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCW
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	0.35	5.40	10.80	16.80	11.35	5.34	1.01	—	—	0						
			0.0	0.7	10.8	21.6	31.5	22.7	10.7	2.0									
SKID #1	.20	9/13																	
SKID #4	.24	4/10																	
SKID #7	.21	8/8																	
SKID #10	.19	8/15																	
SKID #13	.18	7/4																	
SKID #16	.20	9/10																.659	
SKID #19	.20	7/13																	
SKID #22	.19	8/15																	
SKID #25	.20	8/13																.657	
SKID #28	.21	5/15																	
SKID #31																			
SKID #34																			
SKID #37																			

63,000+

CERTIFICATE OF ANALYSIS

VISTA

Date: *Nov. 11, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

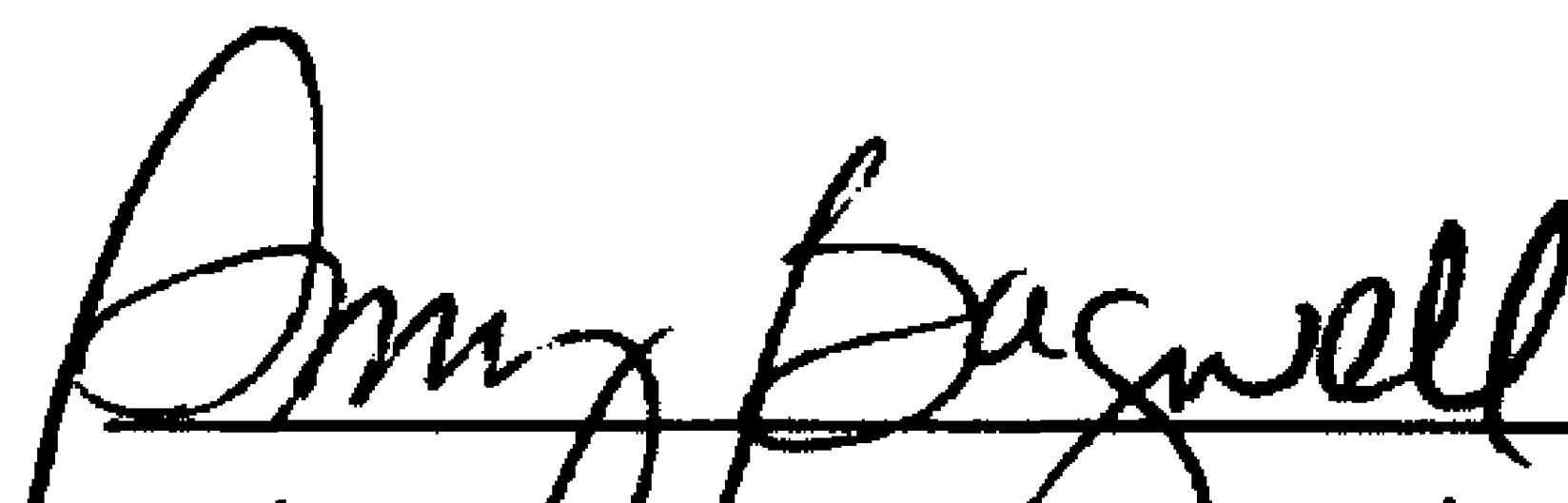
Order No.: *0018430-001*

Ship Date: *Nov. 11, 1992*

Trailer No.: *T-384*

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u><i>0.03</i></u>
Bulk Density, gm/cc	ABR-2A	0.510 Min.	<u><i>0.513</i></u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u><i>0.0</i></u>
% On 200 Mesh		*NDS	<u><i>19.0</i></u>
% On Pan		5.0 Max.	<u><i>2.9</i></u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u><i>0.041</i></u>
Inherent Viscosity	ABR-10	0.71 - 0.76	<u><i>0.73</i></u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 11-11-92 Product 5305 Trailer Number T-384
 Customer Premier Silo 683 Time 0930-1010
 Technician DTFHD Order No. 0018430-001

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1.03		1.2		1. -	1. 513	1. -	L = 100.26		
	2.		2.		2.	2.	2.	A = 0.12		
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	0.00	0.08	2.25	6.38	16.00	14.30	9.48	146	
% on Mesh	0.0	0.2	4.5	12.8	32.0	28.6	19.0	2.9	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

VAB.0001202525

CERTIFICATE OF ANALYSIS

VISTA

Date: Nov. 10, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

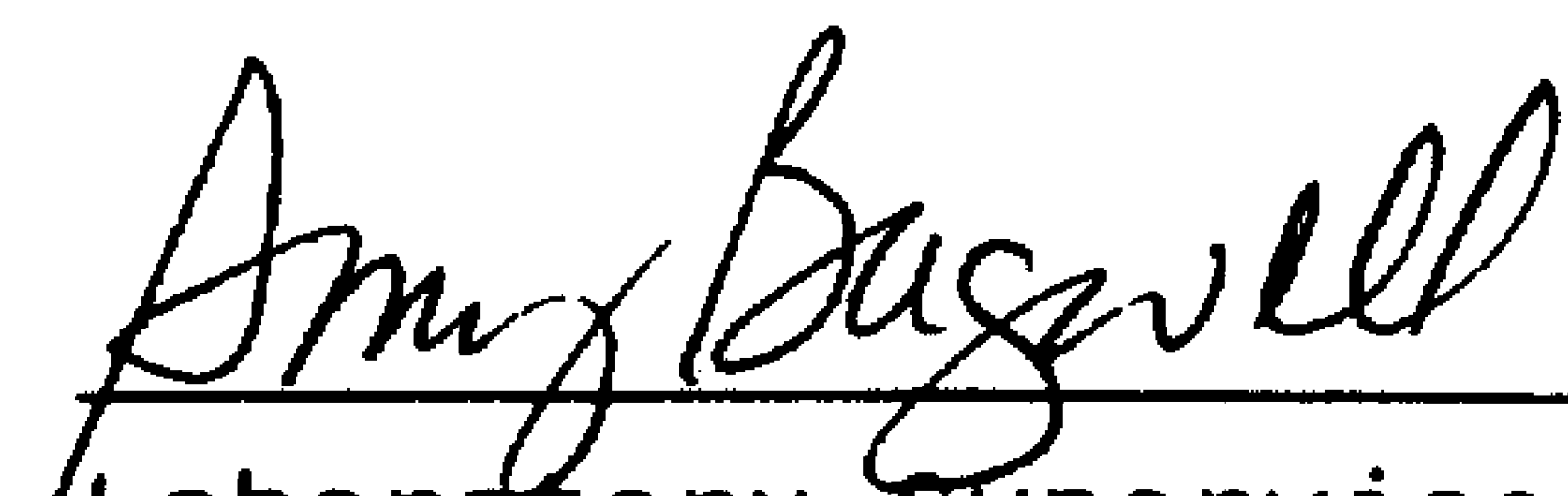
Order No.: 0018430-000

Ship Date: Nov. 10, 1992

Trailer No.: T-383

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.06</u>
Bulk Density, gm/cc	ABR-2A	0.510 Min.	<u>0.516</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>18.6</u>
% On Pan		5.0 Max.	<u>2.9</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u> </u>
Inherent Viscosity	ABR-10	0.71 - 0.76	<u> </u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 11/10/92 Product 5305 Trailer Number T 383
 Customer PREMIER Silo 683/684 Time 1450-1515
 Technician LT. + HDL Order No. 0018430-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>0.06</u>		1. <u>5/5</u>		1. <u>-</u>	1. <u>516</u>	1. <u>-</u>	L = <u>9988</u>		<u>11.9</u>
	2. <u>0.16</u>		2. <u>1.91</u>		2. <u>0.16</u>	2. <u>1.91</u>	2. <u>0.16</u>	A = <u>0.16</u>		
MIDDLE	1. <u>0.06</u>		1. <u>5/5</u>		1. <u>-</u>	1. <u>516</u>	1. <u>-</u>	L = <u>9988</u>		
	2. <u>0.16</u>		2. <u>1.91</u>		2. <u>0.16</u>	2. <u>1.91</u>	2. <u>0.16</u>	A = <u>0.16</u>		
END	1. <u>0.06</u>		1. <u>5/5</u>		1. <u>-</u>	1. <u>516</u>	1. <u>-</u>	L = <u>9988</u>		
	2. <u>0.16</u>		2. <u>1.91</u>		2. <u>0.16</u>	2. <u>1.91</u>	2. <u>0.16</u>	A = <u>0.16</u>		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>0.07</u>	<u>2.22</u>	<u>6.18</u>	<u>10.27</u>	<u>14.35</u>	<u>9.31</u>	<u>1.45</u>	
% on Mesh	<u>0.0</u>	<u>0.1</u>	<u>1.4</u>	<u>12.4</u>	<u>32.9</u>	<u>28.7</u>	<u>18.6</u>	<u>2.9</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

CERTIFICATE OF ANALYSIS

VISTA

Date: *Nov. 12, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: *05016*

Attention: L. G. Haefner

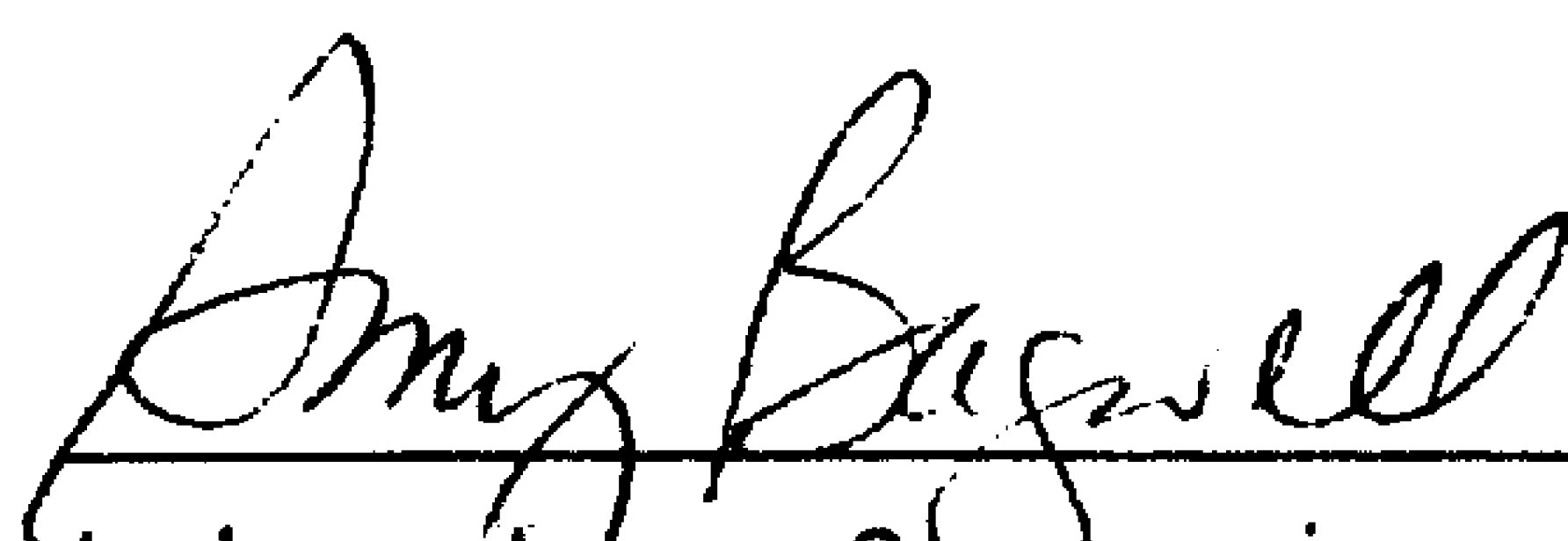
Order No.: *0017073-000*

Ship Date: *Nov. 11, 1992*

Trailer No.: *T-7741*

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.22</u>
Bulk Density, gm/cc	ABR-2A	0.480 Min.	<u>0.504</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>9.0</u>
% On Pan		5.0 Max.	<u>3.1</u>
Average Microns		140 - 160	<u>140.0</u>
Cold Plasticizer Absorption	ABR-16	No Spec.	<u>25.5</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.096</u>
Inherent Viscosity	ABR-10	0.78 - 0.84	<u>0.80</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05016 PRODUCT: 5325 DATE: 8/18/92 TIME/TESTED BY: 1400 HDL/DT

AVG. MICRONS, 5225/5325/5415: 140.0

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RYCM
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 26			0.00	0.11	5.55	11.65	16.17	10.60	4.52	1.55		12	1						
			0.00	0.2	11.1	23.3	32.1	21.2	9.0	3.1	459	80	21.9	100.0	0.35	1.23	25.5	<1	0.96
SKID #1	.18	6/6									.515 WITH FUSIL							.797	
SKID #4	.20	5/3									ALL OTHER SAMPLES								
SKID #7	.19	6/5									.504								
SKID #10	.17	4/8																	
SKID #13	.18	5/3																.799	
SKID #16	.18	4/8										100% 30 MIN.							
SKID #19	.20	6/13																	
SKID #22	.21	5/17																	
SKID #25	.19	4/5																.798	
SKID #28	.22	10/12																	
SKID #31																			
SKID #34																			
SKID #37																			

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: November 11, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Railcar No.: VIPX 45841

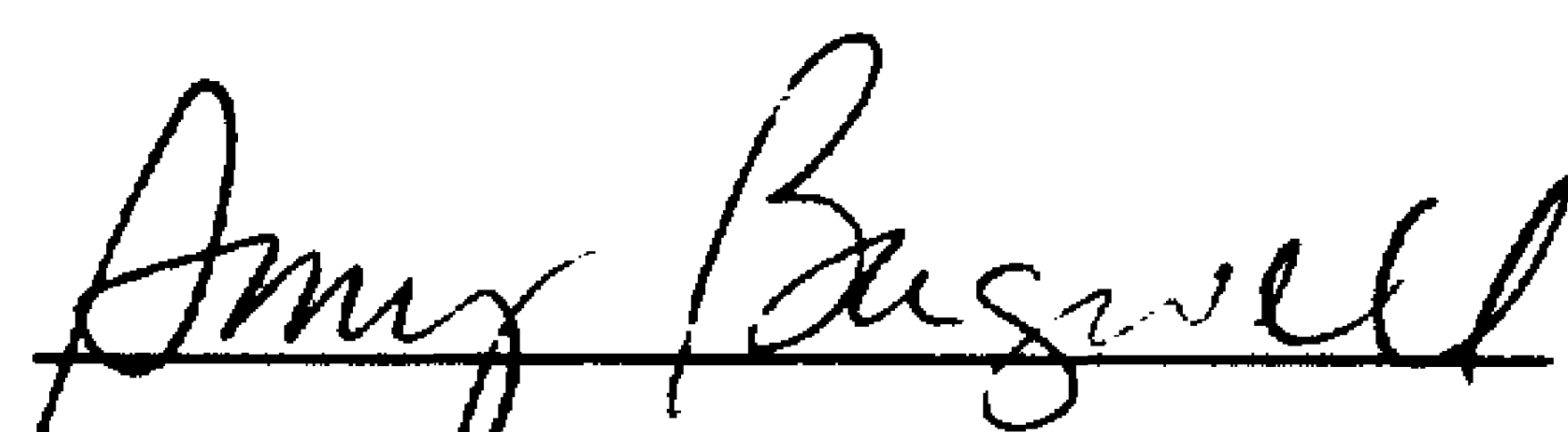
Attention: L. G. Haefner

Order No.: 0018345-000

Ship Date: November 9, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.17
Bulk Density	ABR-2A	0.532
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		10.8
Pan		2.4
Residual VCM, PPM	ABGC-26	0.588
Inherent Viscosity	ABR-10	0.74

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 8-18-92Product: 5305Car No.: 75841Time Logged In: 0300Logged In By: MASilo(s): 679,680Ship Date: 11/9/92Order No: 0018345-000Customer: PremierNO Metal

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.17		.13		.09		.08	
Contamination	BL	<u>p-22</u>	<u>Clearcut</u>					
	BR	<u>6</u>	<u>18</u>	<u>10</u>	<u>50</u>	<u>13</u>	<u>25</u>	<u>8</u>
		<u>100</u>	<u>50</u>	<u>80</u>	<u>60</u>	<u>100</u>	<u>80</u>	<u>50</u>
Bulk Density	.518		.536		.531		.543	
BD w/antistat								
Viscosity	.740		.736		.729		.731	
RVCM	.588		.001		-.082		.090	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	<u>10/44</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>.11</u>	<u>5.12</u>	<u>11.07</u>	<u>15.73</u>	<u>11.17</u>	<u>5.41</u>	<u>1.19</u>
% P	<u>0.0</u>	<u>.2</u>	<u>10.2</u>	<u>22.1</u>	<u>32.0</u>	<u>22.3</u>	<u>10.8</u>	<u>2.4</u>

Avg. Microns: 138.6% Glassies: <1%Color L: 99.58 a 0.25 b 1.57Static Flow: 0.12.1Technician: M.T #55

CERTIFICATE OF ANALYSIS

Date: November 11, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

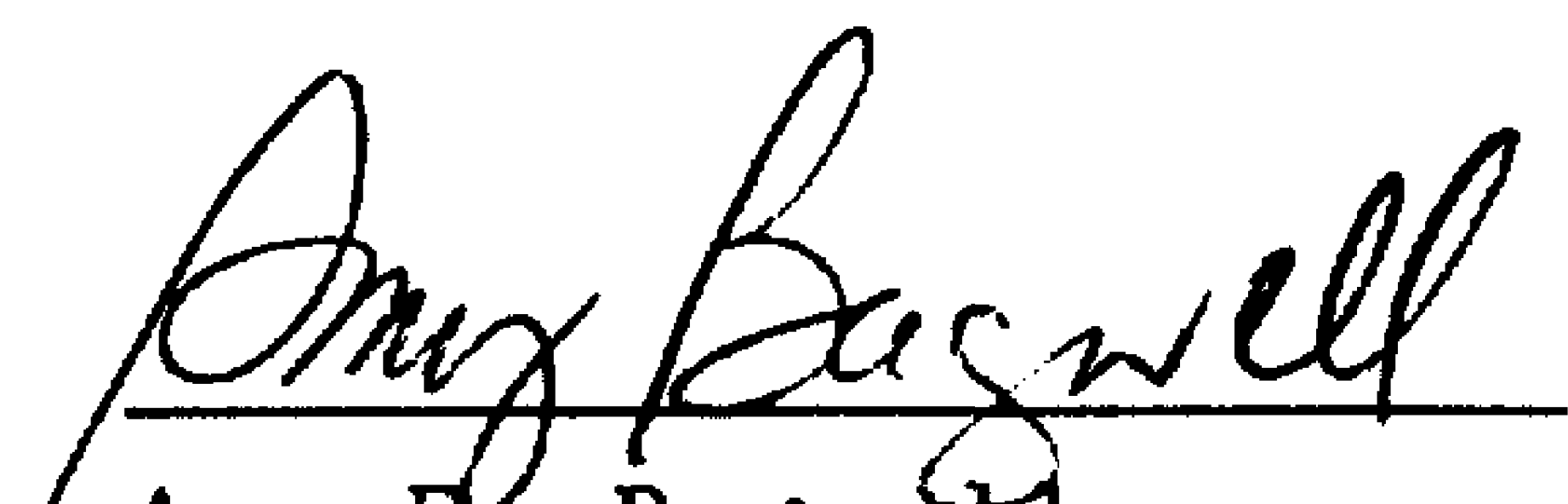
Railcar No.: VIPX 45275

Ship Date: November 10, 1992

Order No.: 0016429-003

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.3 Max.	0.28
Inherent Viscosity	ABR-10	0.48 - 0.54	0.49
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	0.0
% On 200 Mesh		*NDS	24.5
% On Pan		5.0 Max.	4.2
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, PPM	ABGC-26	8.5 Max.	1.098

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 9-18-92Product: 5225Car No.: 45275Time Logged In: 1500Logged In By: MLSilo(s): 685Ship Date: 11/10/92 Order No: 16429-003 Customer: PremierNO MTL

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	<u>.09</u>		<u>.19</u>		<u>.28</u>		<u>.15</u>	
Contamination	BL <u>10</u>		<u>3</u>		<u>4</u>		<u>5</u>	
	BR <u>28</u>		<u>16</u>		<u>17</u>		<u>33</u>	
Bulk Density	<u>.565</u>		<u>.540</u>		<u>.546</u>		<u>.562</u>	
BD w/antistat								
Viscosity	<u>.490</u>		<u>.503</u>		<u>.489</u>		<u>.495</u>	
RVCM	<u>.760</u>		<u>1.098</u>		<u>.910</u>		<u>1.001</u>	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.05</u>	<u>2.09</u>	<u>5.90</u>	<u>11.99</u>	<u>15.65</u>	<u>12.25</u>	<u>2.10</u>
%	<u>0.0</u>	<u>0.1</u>	<u>4.2</u>	<u>11.8</u>	<u>23.9</u>	<u>31.3</u>	<u>24.5</u>	<u>4.2</u>

% Glassies: 21% Avg. Microns: 120.9Color L: 96.52 a 1.76 b 2.04 Static Flow: 0 / 9.9Technician: HDX/JS

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: November 11, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Railcar No.: UTCX 46395

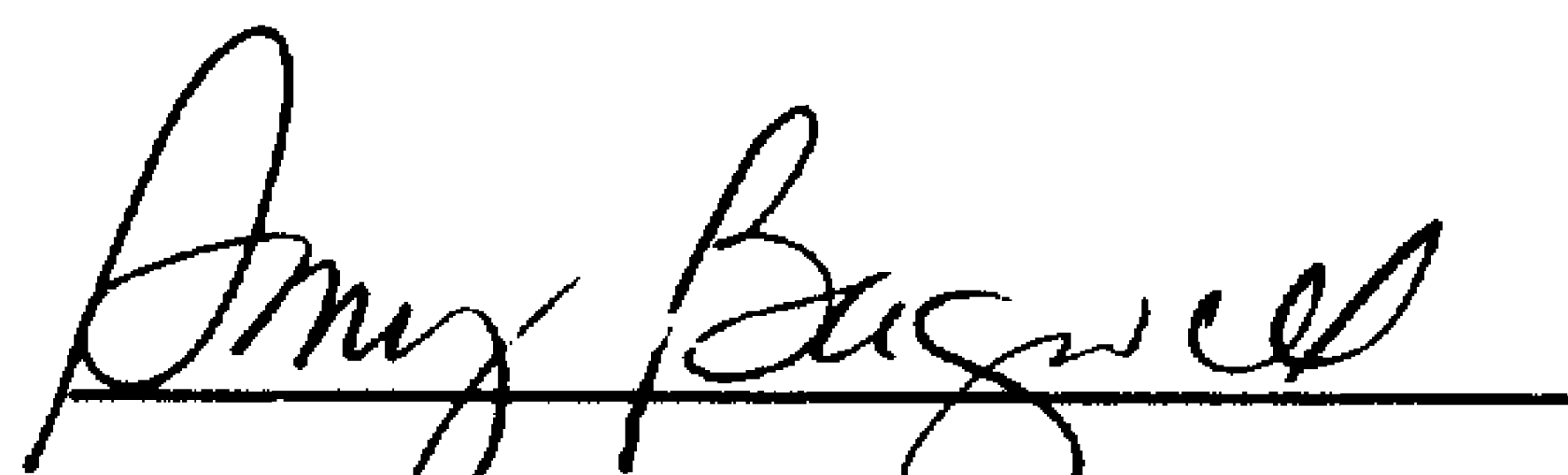
Attention: L. G. Haefner

Order No.: 0018345-003

Ship Date: November 9, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.11
Bulk Density	ABR-2A	0.535
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		10.3
Pan		4.3
Residual VCM, PPM	ABGC-26	0.055
Inherent Viscosity	ABR-10	0.73

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy B. Bagwell
Laboratory Supervisor

Vista Polymers

Highway 25

Aberdeen, MS 39730

A

Washed

PVC RAILCAR ANALYSIS

*UTCH*Load Date: 10-11-92Product: 5305Car No.: 46395Time Logged In: 0645Logged In By: MOSilo(s): 678Ship Date: 11/9/92Order No: 0018345-003Customer: ~~Washed~~ Premier

Compartment	<i>no metal</i> 688		678		678		678 - 680	
	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.09		.11		.10		.09	
Contamination	BL							
	BR							
	14	—	19	—	8	—	7	—
	29		22		12		15	
Bulk Density	.535		.534		.536		.537	
BD w/antistat								
Viscosity	.727		.727		.730		.730	
RVCM	.055		.126		.091		.075	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	17/19							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>0.50</u>	<u>6.05</u>	<u>10.35</u>	<u>14.68</u>	<u>11.05</u>	<u>5.17</u>	<u>2.17</u>
% ?	<u>0.0</u>	<u>1.0</u>	<u>12.1</u>	<u>20.7</u>	<u>29.5</u>	<u>22.1</u>	<u>10.3</u>	<u>4.3</u>

Avg. Microns: _____

% Glassies: 41.90Color L: 100.01 a .15 b 1.89Static Flow: 0 17.8Technician: MT + RH

PVC RAILCAR ANALYSIS OFFGRADE

Load Date: _____ Product: 5305 Car No.: 96395

Time Logged In: _____ Logged In By: _____ Silo(s): _____

Ship Date: _____ Order No: _____ Customer: _____

COMPARTMENT	A		CA		CB		B	
Moisture %								
Contamination	/		/		/		/	
Bulk Density								
Color "L"								
Color "a"								
Color "b"								
Static Flow	/		/		/		/	
Viscosity	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
RVCM								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.45</u>	<u>5.81</u>	<u>11.38</u>	<u>15.45</u>	<u>10.38</u>	<u>5.40</u>	<u>0.92</u>
%	<u>0.0</u>	<u>0.9</u>	<u>11.6</u>	<u>22.8</u>	<u>31.3</u>	<u>20.8</u>	<u>10.8</u>	<u>1.8</u>

Weight	<u>0.00</u>	<u>0.97</u>	<u>6.12</u>	<u>9.73</u>	<u>13.52</u>	<u>9.72</u>	<u>5.00</u>	<u>4.72</u>
%	<u>0.0</u>	<u>1.9</u>	<u>12.2</u>	<u>19.5</u>	<u>27.6</u>	<u>19.4</u>	<u>10.0</u>	<u>9.1</u>

Weight	<u>0.00</u>	<u>0.98</u>	<u>6.92</u>	<u>10.18</u>	<u>14.60</u>	<u>11.00</u>	<u>4.92</u>	<u>1.33</u>
%	<u>0.0</u>	<u>2.0</u>	<u>13.8</u>	<u>20.4</u>	<u>29.3</u>	<u>22.0</u>	<u>9.8</u>	<u>2.7</u>

Weight	_____	_____	_____	_____	_____	_____	_____	_____
%	_____	_____	_____	_____	_____	_____	_____	_____

Technician: BT

VAB.0001202536

CERTIFICATE OF ANALYSIS

VISTA

Date: Nov. 11, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05046

Attention: L. G. Haefner

Order No.: 0017643-000

Ship Date: Nov. 8, 1992

Trailer No.: T-8114

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.24</u>
Bulk Density, gm/cc	ABR-2A	0.520 Min.	<u>0.548</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>10.7</u>
% On Pan		5.0 Max.	<u>2.0</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.061</u>
Inherent Viscosity	ABR-10	0.63 - 0.70	<u>0.66</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

ARB

Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 050460 PRODUCT: 5265 DATE: 10-26-92 TIME/TESTED BY: 0800/ST.F.H.1

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCH
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37		0.00	0.35	5.40	10.80	16.80	11.35	5.34	1.01			0						
			0.0	0.7	10.8	21.6	31.5	22.7	10.7	20.548			85	99.57	0.51	1.59			.061
SKID #1	.20	9/13																.659	
SKID #4	.24	4/10																	
SKID #7	.21	8/8																	
SKID #10	.19	8/15																	
SKID #13	.18	7/14																.659	
SKID #16	.20	9/10																	
SKID #19	.20	7/13																	
SKID #22	.19	8/15																	
SKID #25	.20	8/13																.657	
SKID #28	.21	5/15																	
SKID #31																			
SKID #34																			
SKID #37																			

63,000+

CERTIFICATE OF ANALYSIS

VISTA

Date: 11/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 05048

Attention: L. G. Haefner

Order No.: 0018339-000

Ship Date: 11/9/92

Trailer No.: T-6157

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.14</u>
Bulk Density, gm/cc	ABR-2A	0.510 Min.	<u>0.545</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>9.1</u>
% On Pan		5.0 Max.	<u>2.4</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.088</u>
Inherent Viscosity	ABR-10	0.71 - 0.76	<u>0.72</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Amy Bugwell
Laboratory Supervisor/Lead

RESI BAG BLEND

BLEND NO: 05048 PRODUCT: 5305 DATE: 10-27-92 TIME/TESTED BY: A.T.H.S

Avg. Microns, 5225/5325/5415: _____

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/Y MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			X GLASSY	VISC.	RVCM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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			40	60	80	100	120	140	200	PAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	0.69	7.07	11.85	14.74	19.06	45.5	1.21				0/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

CERTIFICATE OF ANALYSIS

Date: Nov. 5, 1992

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05040

Attention: L. G. Haefner

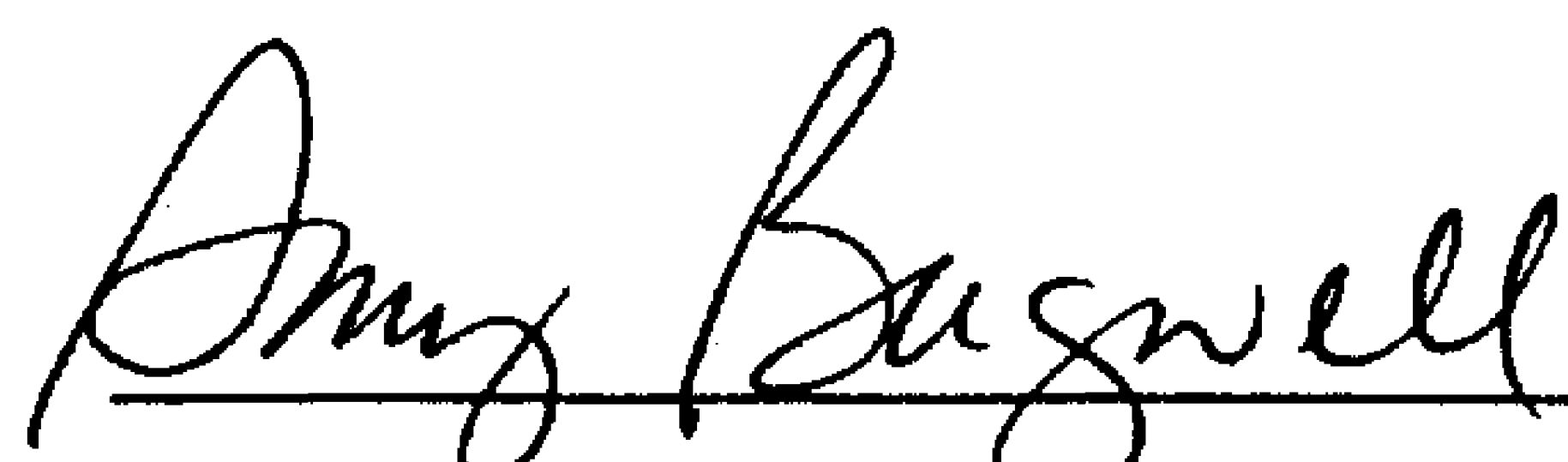
Order No.: 0017440-000

Ship Date: Nov. 2, 1992

Trailer No.: T-7604

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30 Max.	<u>0.16</u>
Bulk Density, gm/cc	ABR-2A	0.520 Min.	<u>0.538</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		*NDS	<u>11.4</u>
% On Pan		5.0 Max.	<u>2.4</u>
*Specification is 30.0% Max. for the 200 Mesh plus Pan.			
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.040</u>
Inherent Viscosity	ABR-10	0.63 - 0.70	<u>0.67</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05040 'PRODUCT: 5265 DATE: 10-1-92 TIME/TESTED BY: 1215 M44CO

Avg. Microns, 5225/5325/5415: _____

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			X GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0	.15	4.38	9.76	16.23	12.71	5.74	1.22	23	-	0/2.8	99.83	.68	1.89			
			0.0	.3	8.8	19.5	32.2	25.4	11.4	2.4	538	13							240
SKID #1	.10	2/5																.686	
SKID #4	.15	4/6																	
SKID #7	.10	3/5																	
SKID #10	.08	2/7																	
SKID #13	.14	4/4																.671	
SKID #16	.12	3/7																	
SKID #19	.11	4/6																	
SKID #22	.15	2/2																	
SKID #25	.11	1/4																.662	
SKID #28	.14	3/8																	
SKID #31	.16	1/5																	
SKID #34	.09	3/5																	
SKID #37	.12	2/6																.672	

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 10-25-92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 0017567-002

Ship Date: 10-25-92

Trailer No.: T-384

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.12</u>		
Bulk Density, gm/cc	ABR-2A	<u>.541</u>		
Particle Size Dist.	ABR-3 <u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	
		<u>0.0</u>	<u>8.4</u>	<u>2.1</u>
Residual VCM, ppm	ABGC-26	<u>.155</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Melvin Tallie
Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 10-25-92 Product 5305 Trailer Number T-384
 Customer Premiere Silo 688 Time 0940
 Technician M.T Order No. 0017567-002

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.12</u>		1. <u>.8</u>		1. <u>-</u>	1. <u>.541</u>	1. <u>-</u>	L <u>99.69</u>	<u>0</u> / <u>8.0</u>	
	2. <u>10</u>		2. <u>10</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>0.24</u>		
MIDDLE	1. <u>-</u>		1. <u>-</u>		1. <u>-</u>	1. <u>-</u>	1. <u>-</u>	L = <u>-</u>		
	2. <u>-</u>		2. <u>-</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>-</u>		
END	1. <u>-</u>		1. <u>-</u>		1. <u>-</u>	1. <u>-</u>	1. <u>-</u>	L = <u>-</u>		
	2. <u>-</u>		2. <u>-</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>-</u>		

Particle Size Distribution:

Screen Analysis Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	<u>0.0</u>	<u>.83</u>	<u>7.37</u>	<u>11.64</u>	<u>14.70</u>	<u>10.02</u>	<u>4.19</u>	<u>1.06</u>	
% on Mesh	<u>0.0</u>	<u>1.7</u>	<u>14.7</u>	<u>23.3</u>	<u>29.8</u>	<u>20.0</u>	<u>8.4</u>	<u>2.1</u>	

Screen Analysis Min On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

VAB.0001202544

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

VISTA

Date: October 23, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Railcar No.: ACFX 41162

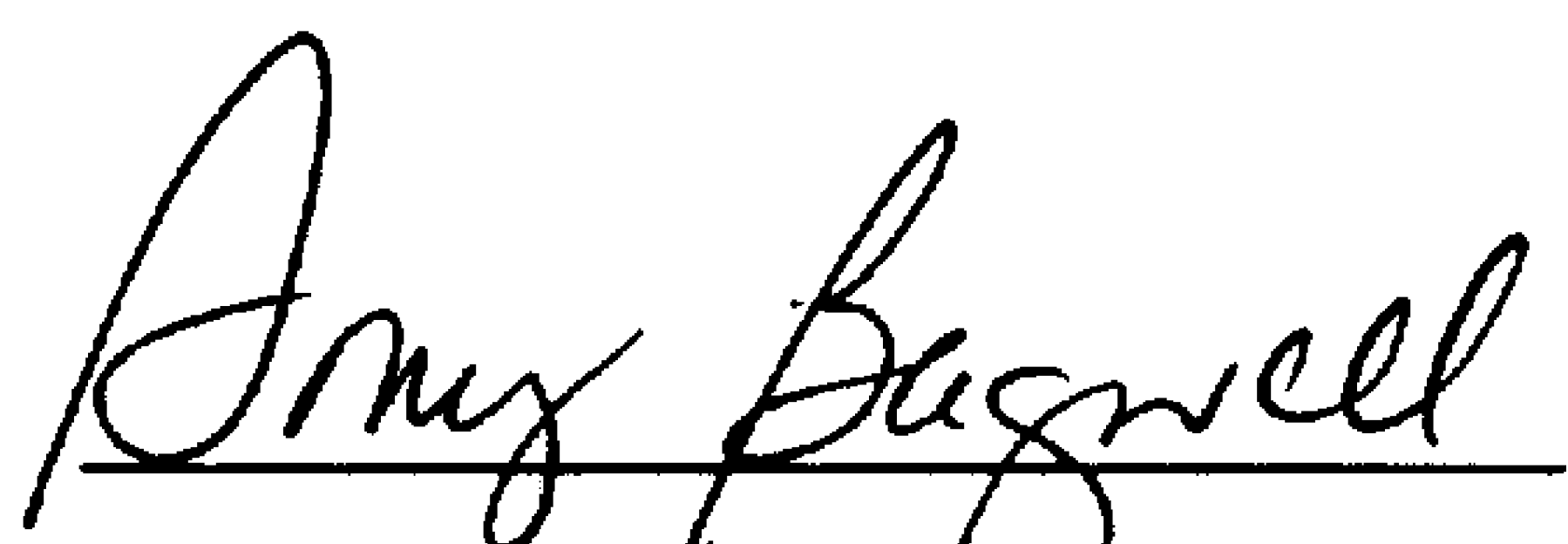
Attention: L. G. Haefner

Order No.: 0017572-000

Ship Date: October 22, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.15
Bulk Density	ABR-2A	0.533
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		9.4
Pan		2.4
Residual VCM, PPM	ABGC-26	0.029
Inherent Viscosity	ABR-10	0.73

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 8-25-92Product: 5305Car No.: 41162Time Logged In: 1400Logged In By: MMSilo(s): 679Ship Date: 10/22/92Order No: 0017572-000Customer: ~~Stone~~ Premier

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.14		.15		.13		.11	
Contamination	BL	25	24	24	23			
	BR	24	30	29	40			
Bulk Density	.529		.534		.531		.537	
BD w/antistat								
Viscosity	.734		.737		.736		.732	
RVCM	.029		.431		.115		.016	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	24/31							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	0.07	4.71	11.03	16.61	11.70	4.69	1.22
%	0.0	0.1	9.4	22.1	33.2	23.4	9.4	2.4

Avg. Microns: 138.2% Glassies: <1%Color L: 99.47 a 0.24 b 1.61Static Flow: 0.18.2Technician: ES + MB

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS OFFGRADE

for
Marley
Load Date: 8-27-92Product: 5305Car No.: 41162

Time Logged In: _____

Logged In By: _____

Silo(s): _____

Ship Date: _____ Order No: _____ Customer: _____

COMPARTMENT	A		CA		CB		B	
Moisture %								
Contamination	/		/		/		/	
Bulk Density								
Color "L"								
Color "a"								
Color "b"								
Static Flow	/		/		/		/	
Viscosity	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
RVCM								

Screen Analysis

	Mesh	40	60	80	100	120	140	200	Pan
A	Weight	<u>0.0</u>	<u>.03</u>	<u>3.76</u>	<u>9.48</u>	<u>16.37</u>	<u>13.21</u>	<u>5.76</u>	<u>1.17</u>
	% P	<u>0.0</u>	<u>.1</u>	<u>7.5</u>	<u>19.0</u>	<u>33.2</u>	<u>26.4</u>	<u>11.5</u>	<u>2.3</u>
CA	Weight	<u>0.0</u>	<u>.01</u>	<u>4.47</u>	<u>11.16</u>	<u>17.29</u>	<u>11.59</u>	<u>4.08</u>	<u>1.24</u>
	% P	<u>0.0</u>	<u>0.0</u>	<u>8.9</u>	<u>22.3</u>	<u>34.9</u>	<u>23.2</u>	<u>8.2</u>	<u>2.5</u>
CB	Weight	<u>0.0</u>	<u>.02</u>	<u>4.11</u>	<u>10.10</u>	<u>16.61</u>	<u>12.72</u>	<u>5.32</u>	<u>.96</u>
	% P	<u>0.0</u>	<u>0.0</u>	<u>8.2</u>	<u>20.2</u>	<u>33.7</u>	<u>25.4</u>	<u>10.6</u>	<u>1.9</u>
B	Weight	<u>0.0</u>	<u>.08</u>	<u>6.12</u>	<u>12.68</u>	<u>16.09</u>	<u>9.55</u>	<u>3.85</u>	<u>1.60</u>
	% P	<u>0.0</u>	<u>.2</u>	<u>12.2</u>	<u>25.4</u>	<u>32.2</u>	<u>19.1</u>	<u>7.7</u>	<u>3.2</u>

Technician: M.T.

VAB.0001202547

CERTIFICATE OF ANALYSIS

VISTA

Date: 21 Oct. 92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 0017439-000

Ship Date: 21 Oct. 92

Trailer No.: T-376

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.526</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>12.0</u>	<u>1.7</u>
Residual VCM, ppm	ABGC-26	<u>.036</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

James M. Hay
Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 10-21-92 Product 5305 Trailer Number T-376
 Customer Premiere Silo 683 Time 1530
 Technician MS Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>10</u>	.....	1. <u>6/9</u>	.....	1. <u>←</u>	1. <u>.526</u>	1. <u>—</u>	L = <u>99.49</u>	<u>Flow</u> <u>0/8.4</u>	
	2. ....	.....	2. ....	.....	2.	2.	2.	A = <u>.29</u>		
MIDDLE	1. ....	.....	1. ....	.....	1.	1.	1.	L =		
	2. ....	.....	2. ....	.....	2.	2.	2.	A =		
END	1. ....	.....	1. ....	.....	1.	1.	1.	L =		
	2. ....	.....	2. ....	.....	2.	2.	2.	A =		
								B =		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tare	.....	.....	.....	.....	.....	.....	.....	.....	.....
Net Wt.	<u>0.00</u>	<u>.41</u>	<u>5.38</u>	<u>9.67</u>	<u>14.87</u>	<u>12.74</u>	<u>6.02</u>	<u>.83</u>	.....
% on Mesh	<u>0.0</u>	<u>.8</u>	<u>10.8</u>	<u>19.3</u>	<u>29.9</u>	<u>25.5</u>	<u>12.0</u>	<u>1.7</u>	.....

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

VISTA

Date: October 22, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 53A5

Lot No.: 05030

Attention: L. G. Haefner

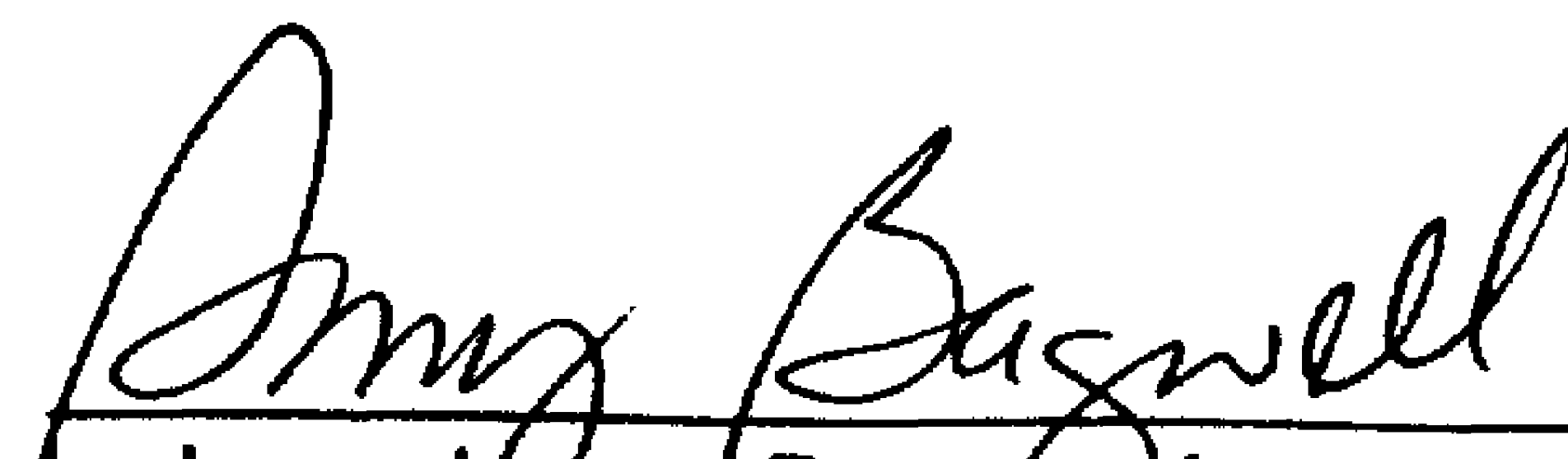
Order No.: 0017438-000

Ship Date: October 19, 1992

Trailer No.: T-28066

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	<u>0.17</u>
Hard Particles @ 7 min.	ABR-12	<u>1</u>
Bulk Density, gm/cc	ABR-2A	<u>0.547</u>
Barbender Dry Time, min.	ABR-7	<u>5.0</u>
Particle Size Dist.	ABR-3	<u>40 mesh</u> <u>200 mesh</u> <u>Pan</u>
		<u>0.0</u> <u>12.4</u> <u>2.6</u>
Residual VCM, ppm	ABGC-26	<u>0.021</u>
Inherent Viscosity	ABR-10	<u>0.96</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05030 PRODUCT: 5395 DATE: 9/13/52 TIME/TESTED BY: 1910 / HAD me

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
CON- POSITE OF 1, 13, RESULTS 25 & 37	COMPOSITE OF 1, 13, RESULTS 25 & 37		0.00	0.11	5.08	14.66	14.31	8.48	6.19	1.28	1.547	4/1 HA	50	97	100.78	.06	1.78		.024	
SKID #1	.13	4/2																	.959	
SKID #4	.14	4/3																		
SKID #7	.15	8/4																		
SKID #10	.14	7/2																		
SKID #13	.17	4/3																	.967	
SKID #16	.14	4/3																		
SKID #19	.12	3/1																		
SKID #22																				
SKID #25																				
SKID #28																				
SKID #31																				
SKID #34																				
SKID #37																				

Vista Polymers
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Vista Chemical Company

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Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: October 14, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Railcar No.: VIPX 45782

Attention: L. G. Haefner

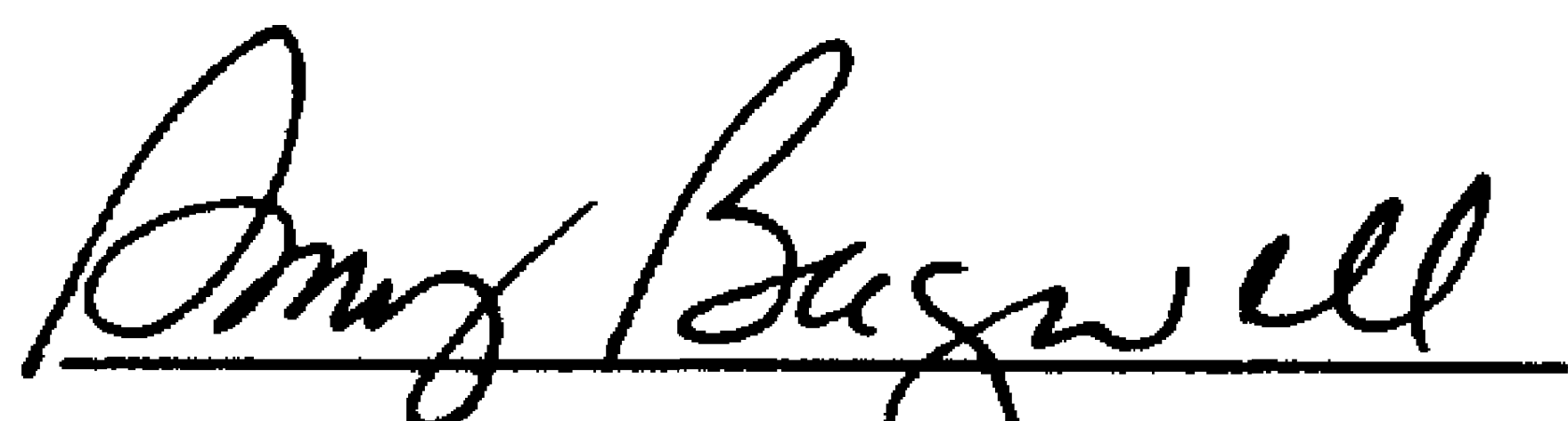
Order No.: 0017192-000

Ship Date: October 12, 1992

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.11
Bulk Density	ABR-2A	0.537
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		7.6
Pan		3.4
Residual VCM, PPM	ABGC-26	0.061
Inherent Viscosity	ABR-10	0.73

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

VAB.0001202552

PVC RAILCAR ANALYSIS

VIPV

Load Date: 9-16-92Product: 5305Car No.: 45782Time Logged In: 1730Logged In By: D.T.Silo(s): 679+680Ship Date: 10/12Order No: 17192-000Customer: ~~Premier~~

Premier

no metal

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.07		.08		.08		.11	
Contamination	BL	<u>10</u>	<u>15</u>		<u>13</u>		<u>16</u>	
	BR	<u>90</u>	<u>16</u>		<u>15</u>		<u>18</u>	
Bulk Density	<u>.539</u>		<u>.537</u>		<u>.535</u>		<u>.536</u>	
BD w/antistat								
Viscosity	<u>.728</u>		<u>.723</u>		<u>.734</u>		<u>.724</u>	
RVCM	<u>.061</u>		<u>.048</u>		<u>.052</u>		<u>.059</u>	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	<u>18/20</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>.14</u>	<u>5.64</u>	<u>12.18</u>	<u>16.38</u>	<u>10.06</u>	<u>3.80</u>	<u>1.69</u>
% P	<u>0.0</u>	<u>.3</u>	<u>11.3</u>	<u>24.4</u>	<u>32.9</u>	<u>20.1</u>	<u>7.6</u>	<u>3.4</u>

Avg. Microns: 141.2% Glassies: <1%Color L: 98.78 a 0.55 b 2.11Static Flow: 0 17.6Technician: M.T. + RH

Thrown out top
samples 9/18/92

Vista Polymers
A Division of
Vista Chemical Company

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Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 10/12/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

VISTA

Lot No.: 05027

Attention: L. G. Haefner

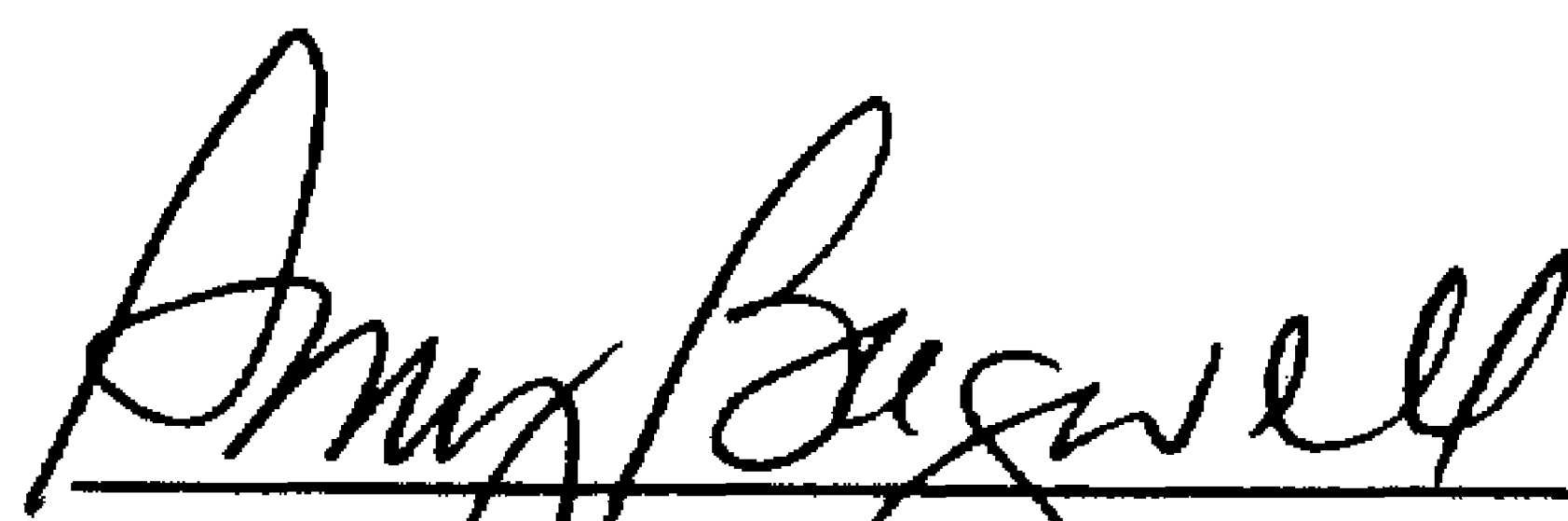
Order No.: 0015710-001

Ship Date: 10/8/92

Trailer No.: T-28249

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.18</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.547</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>13.7</u>	<u>3.0</u>
Residual VCM, ppm	ABGC-26	<u>0.043</u>		
Inherent Viscosity	ABR-10	<u>0.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05027 PRODUCT: 5265 DATE: 9-6-92 TIME/TESTED BY: 0830604 JS

Avg. Microns, 5225/5325/5415: _____

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			X GLASSY	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
CON- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37		0-00	0-00	3.19	8.68	15.63	14.21	6.83	1.49	50									
			0-0	0-0	6.4	17.4	31.1	28.4	13.7	3.0	36		0/7.8	99	42	1.90				-043
SKID #1	.11	2/6																	.660	
SKID #4	.17	3/5																		
SKID #7	.18	2/8																		
SKID #10	.13	4/7																		
SKID #13	.14	4/6																	.660	
SKID #16	.16	3/5																		
SKID #19	.17	2/9																		
SKID #22	.12	4/7																		
SKID #25	.14	3/6																	.660	
SKID #28	.13	2/5																		
SKID #31	.10	3/8																		
SKID #34	.18	3/6																		
SKID #37	.13	4/9																	.659	

Kappus

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Post Office Box 91

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

VISTA

Date: 10/1/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04999

Attention: L. G. Haefner

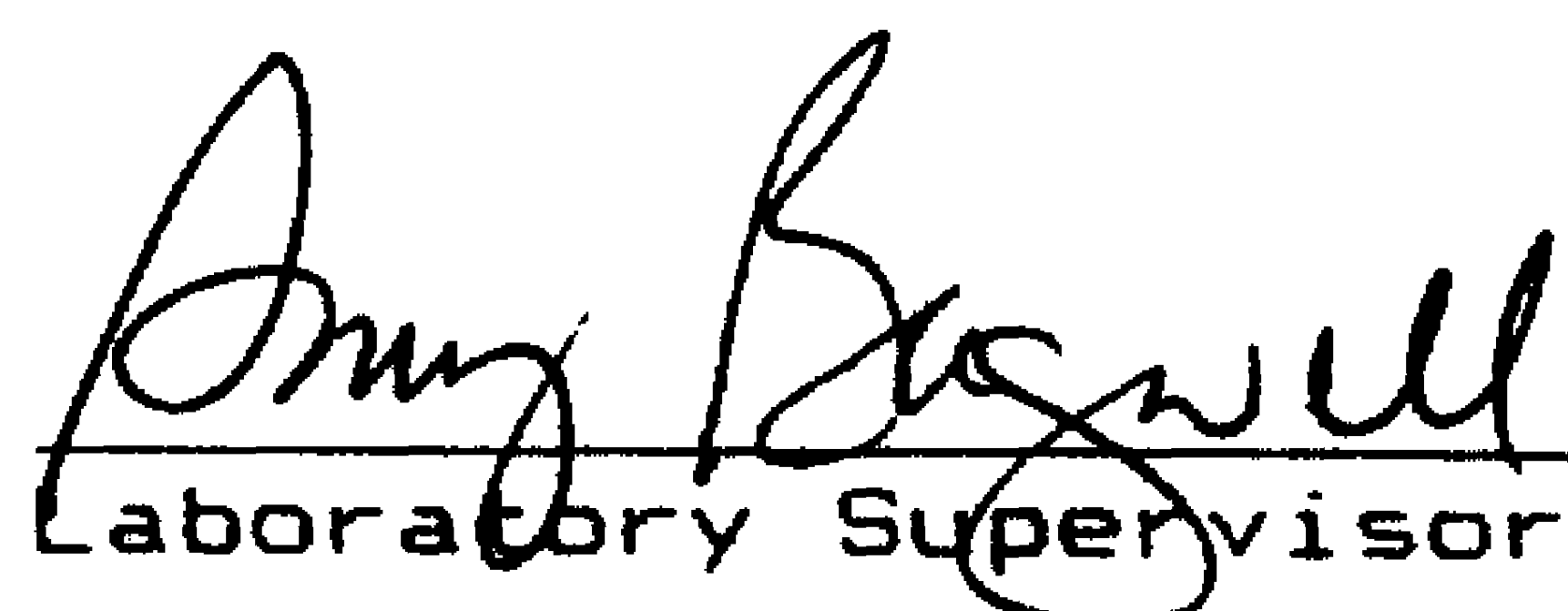
Order No.: 0016085-000

Ship Date: 9/29/92

Trailer No.: T-8133

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.24</u>		
Hard Particles @ 7 min.	ABR-12	<u>3</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.546</u>		
Barbender Dry Time, min.	ABR-7	<u>4.9</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>14.0</u>	<u>3.3</u>
Residual VCM, ppm	ABGC-26	<u>0.020</u>		
Inherent Viscosity	ABR-10	<u>0.97</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04999 PRODUCT: 5395 DATE: 7-23-92 TIME/TESTED BY: 0915/MG+EL

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVM
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.03	5.00	13.47	14.42	8.19	7.00	1.65		5/								
			0.0	.1	10.0	26.9	29.3	16.4	14.0	3.3	.546	3.5	4.9	0/	100.7	0.15	1.78			.020
SKID #1	.24	5/14																		.962
SKID #4	.14	3/7																		
SKID #7	.21	3/11																		
SKID #10	.14	2/10																		
SKID #13	.22	3/11																		.972
SKID #16	.13	3/12																		
SKID #19	.21	4/5																		
SKID #22	.19	2/15																		
SKID #25	.23	4/35																		.972
SKID #28	.12	3/12																		
SKID #31	.15	2/11																		.971 #31?
SKID #34	.24	3/11																		
SKID #37	.23	5/10																		.206

"Note" HAS some Red Looking Cont.

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 9/22/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 05029

Attention: L. G. Haefner

Order No.: 0016300-000

Ship Date: 9/21/92

Trailer No.: T-6774

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.534</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.0</u>	<u>1.4</u>
Residual VCM, ppm	ABGC-26	<u>0.001</u>		
Inherent Viscosity	ABR-10	<u>0.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Amy Bagwell
Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05029 PRODUCT: 5305 DATE: 9-10-93 TIME/TESTED BY: 1906

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	3.40	15.07	15.19	10.84	3.72	2.00	.69										
			0.0	6.8	30.1	30.4	19.9	7.4	4.0	1.4	534			9/7.3	99.84	.31	1.52			.001
SKID #1	.09	3/5																		
SKID #4	.12	2/7																		
SKID #7	.13	1/9																		
SKID #10	.11	2/5																		
SKID #13	.06	3/7																		
SKID #16	.09	2/8																		
SKID #19	.08	4/6																		
SKID #22	.11	2/5																		
SKID #25	.07	3/8																		
SKID #28	.13	3/6																		
SKID #31	.14	2/5																		
SKID #34	.10	2/7																		
SKID #37	.08	4/8																		

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CERTIFICATE OF ANALYSIS

Date: September 22, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 04807

Attention: L. G. Haefner

Order No.: 0016082-000

Ship Date: September 17, 1992

Trailer No.: T-8396

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.543</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.1</u>	<u>1.2</u>
Residual VCM, ppm	ABGC-26	<u>0.213</u>		
Inherent Viscosity	ABR-10	<u>0.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 10-25-91

Product Type 5305

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. $\frac{\text{moist}}{\text{total}}$	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04807	11:00 12:30		1st + 10th SKid Reg.																			
			1	.06																		
			4	.08																		
			7	.06																		
			10	.10																		
			13	.10																		
			16	.08																		
			19	.07																		

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CERTIFICATE OF ANALYSIS

Date: September 22, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 04803

Attention: L. G. Haefner

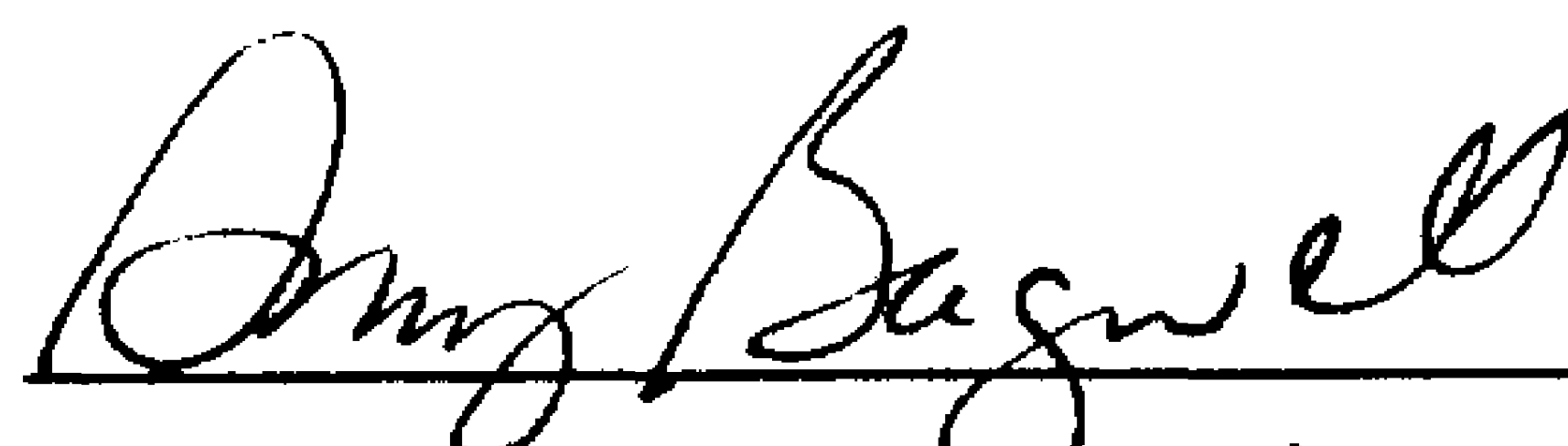
Order No.: 0016082-000

Ship Date: September 17, 1992

Trailer No.: T-8396

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.18</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.540</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>11.8</u>	<u>1.4</u>
Residual VCM, ppm	ABGC-26	<u>0.070</u>		
Inherent Viscosity	ABR-10	<u>0.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date

10/18/91

Product Type

5305

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution							HP Screen Set	Bulk G./C.C.	Dry Time	Cont. % Moisture	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan					L	A	B		
04803	10/18/91	10	14										Without H&SIL				20	50	80		
			10		0.00	0.03	4.30	10.20	16.79	12.14	5.90	0.72									
					0.00	0.1	8.6	20.4	33.4	24.3	11.8	1.4	P				99.41	0.01	1.37		
													With H&SIL	RE-sample 10/21/91	9	0	20	50	80		
			1	.05									560	10/21/91	14	8.6					.718
			4	.12											12		20	50	80		
															10		RVCM-.070				.716
			7	.14											16		20	50	80		
			10	.06											11		20	50	80		
			13	.18											5		20	50	80		
			16	.14											11		20	50	80		
			19	.16											13		20	50	80		

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CERTIFICATE OF ANALYSIS

Date: September 22, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 05022

Attention: L. G. Haefner

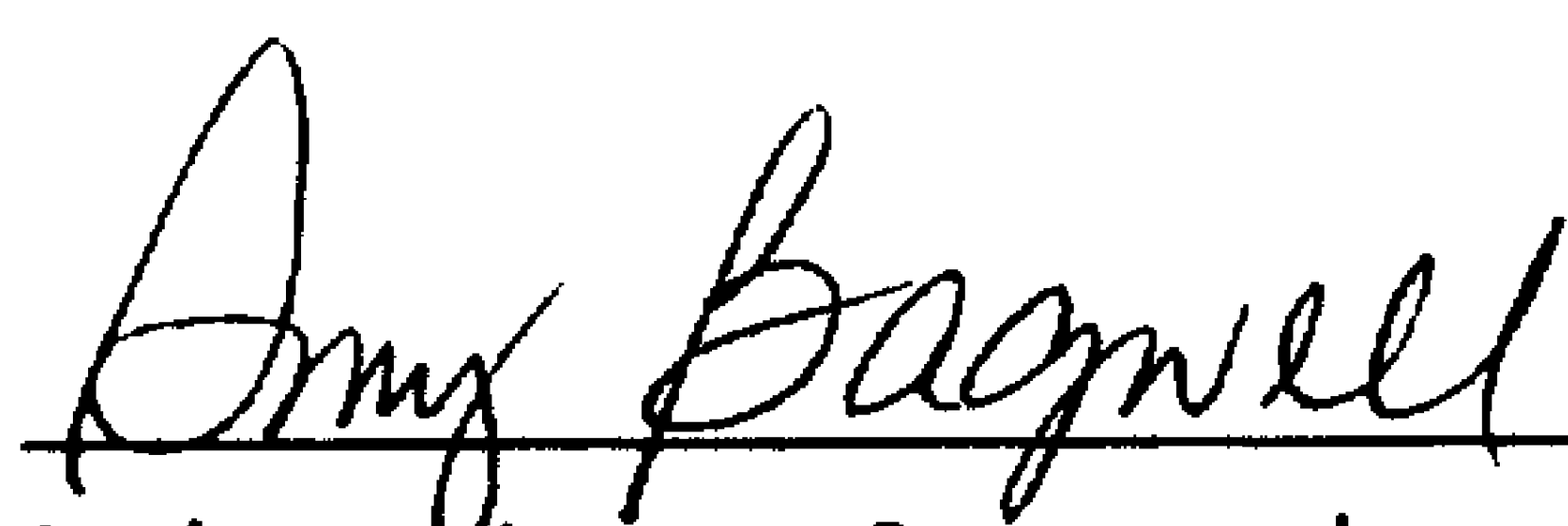
Order No.: 0016082-000

Ship Date: September 17, 1992

Trailer No.: T-8396

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.20</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.550</u>		
Particle Size Dist.	ABR-3 <u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	
		<u>0.0</u>	<u>14.2</u>	<u>3.6</u>
Residual VCM, ppm	ABGC-26	<u>0.003</u>		
Inherent Viscosity	ABR-10	<u>0.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05022 PRODUCT: 5305 DATE: 8/23/92 TIME/TESTED BY: 1930/AB407

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITIVE RESULTS	COMPOSITE OF 1, 13, 25 & 37		0.00	0.07	4.48	10.15	14.92	11.70	9.08	1.28		50	—	0						
			0.0	0.1	9.0	20.3	29.4	23.4	14.2	3.6	550	9.5	84	84	98.57	0.40	1.61			0.03
SKID #1	.11	6/3																	.724	
SKID #4	.17	2/7																		
SKID #7	.10	4/7																		
SKID #10	.08	5/5																		
SKID #13	.13	9/3																	.727	
SKID #16	.16	9/7																		
SKID #19	.14	5/10																		
SKID #22	.18	7/7																		
SKID #25	.20																		.718	
SKID #28	.16	6/8																		
SKID #31	.15	10/10																		
SKID #34	.13	8/8																		
SKID #37	.19	9/5																	.719	

CERTIFICATE OF ANALYSIS

Date: September 22, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 05018

Attention: L. G. Haefner

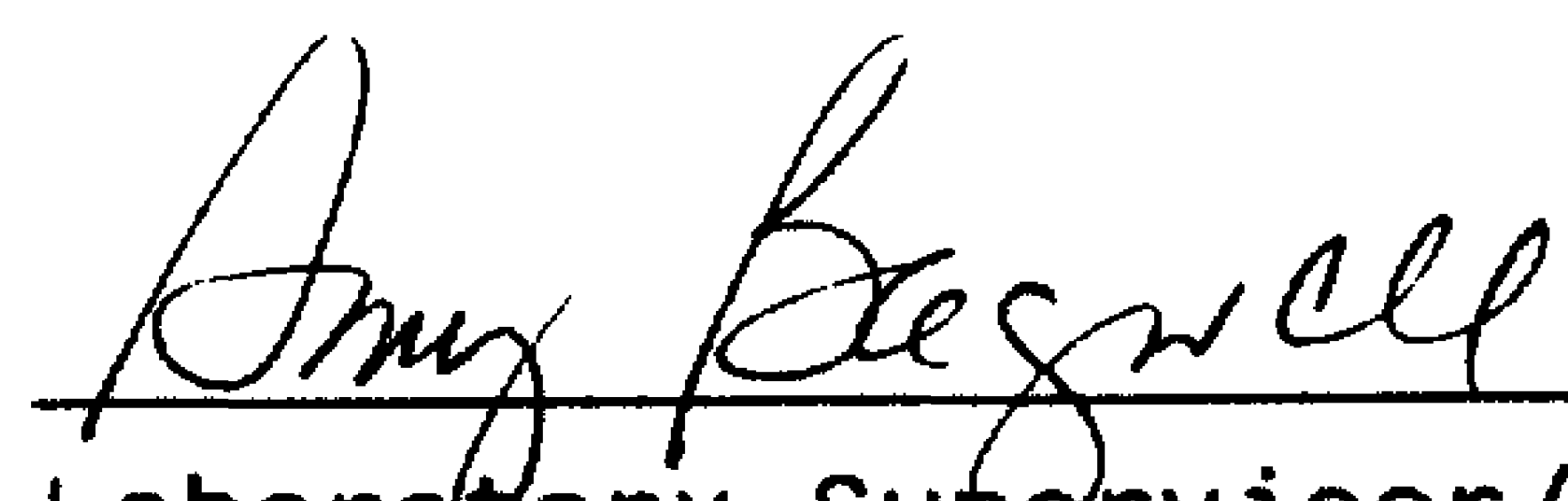
Order No.: 0016082-000

Ship Date: September 17, 1992

Trailer No.: T-8396

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.22</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.540</u>		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		<u>0.0</u>	<u>11.3</u>	<u>1.3</u>
Residual VCM, ppm	ABGC-26	<u>0.001</u>		
Inherent Viscosity	ABR-10	<u>0.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05018 PRODUCT: 5305 DATE: 9/2/92 TIME/TESTED BY: 0900/KDC/DT

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS H/P	S/T MIN. DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37		0.00	0.05	3.67	9.51	16.91	13.60	5.65	0.64			0						
			0.0	0.1	7.3	19.0	33.8	27.2	11.3	1.3	540	17	8.8	99.4	0.30	1.88	<1/6		.001
SKID #1	.22	35/15																.731	
SKID #4	.14	11/6																	
SKID #7																			
SKID #10																			
SKID #13																			
SKID #16																			
SKID #19																			
SKID #22																			
SKID #25																			
SKID #28																			
SKID #31																			
SKID #34																			
SKID #37																			

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Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: September 22, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 05000

Attention: L. G. Haefner

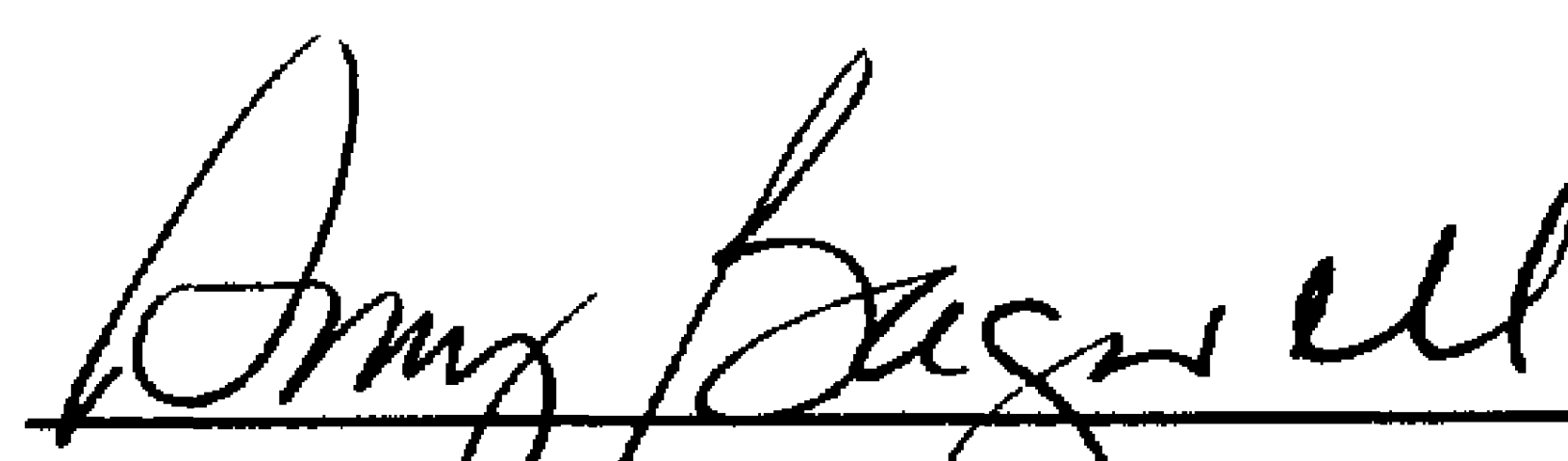
Order No.: 0016082-000

Ship Date: September 17, 1992

Trailer No.: T-8396

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.19</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.534</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>14.4</u>	<u>3.5</u>
Residual VCM, ppm	ABGC-26	<u>0.275</u>		
Inherent Viscosity	ABR-10	<u>0.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05000

PRODUCT: 5305

DATE: 7-24-92

TIME/TESTED BY: GVES

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR		
			40	60	80	100	120	140	200	PAN				L	A	B
CON-POSITE OF 1, 13, RESULTS 25 & 37																
SKID #1	.10	2/5														
SKID #4	.15	3/7	0.00	.10	2.50	8.58	14.18	12.34	9.04	3.23						
SKID #7	.13	4/6	0.0	0.0	5.0	17.2	28.5	24.7	18.1	6.5						
SKID #10	.10	2/9														
SKID #13	.23	4/10	0.00	.06	2.74	9.40	14.88	12.34	8.12	2.40						
SKID #16	.14	3/8	0.0	0.0	5.5	18.8	30.0	24.7	16.2	4.8						
SKID #19	.18	25/17														
SKID #22	.13	9/3														
SKID #25	.14	11/10	0.00	.04	3.79	9.85	14.72	11.49	7.46	2.62						
SKID #28	.12	8/7	0.0	.1	7.6	19.7	29.5	23.0	14.9	5.2						
SKID #31	.13	11/9	0.00	.03	3.45	10.20	15.34	11.74	7.19	1.74						
SKID #34	.11	11/8	0.0	.1	7.7	20.4	30.7	23.5	14.4	3.5						
SKID #37	.19	12/9														
SKID #40	.17	4/3														

1-16, 25-31 Roughte
13-24, 32-43 Roughte

22-31 40-43
10 4

1/6

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Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 9/17/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

VISTA

Lot No.: 05026

Attention: L. G. Haefner

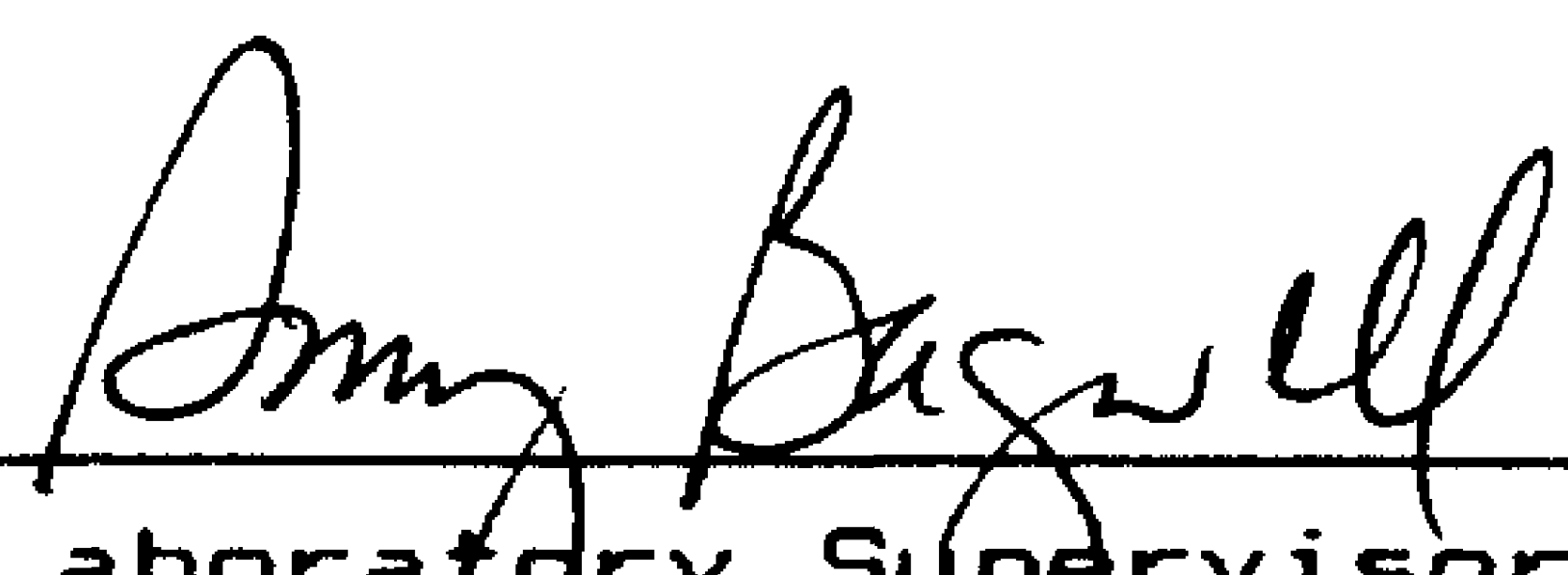
Order No.: 0015710-000

Ship Date: 9/15/92

Trailer No.: T-6873

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.16</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.546</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>19.2</u>	<u>3.2</u>
Residual VCM, ppm	ABGC-26	<u>0.035</u>		
Inherent Viscosity	ABR-10	<u>0.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05026 PRODUCT: 5265 DATE: 9/4/92 TIME/TESTED BY: 2200 AD/m8

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS H/P	S/T MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE RESULTS	COMPOSITE OF 1, 13, RESULTS		0.00	0.03	1.91	10.82	14.42	15.60	9.58	1.60		50	0						
			0.0	0.1	3.8	13.6	28.9	31.2	19.2	3.2	546	8MB	18.5	99.5	10.3	1.69			.035
SKID #1	.14	3/2																.658	
SKID #4	.10	7/2																	
SKID #7	.09	5/3																	
SKID #10	.11	2/1																	
SKID #13	.16	4/4																.664	
SKID #16	.09	5/3																	
SKID #19	.08	2/2																	
SKID #22																			
SKID #25																			
SKID #28																			
SKID #31																			
SKID #34																			
SKID #37																			

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Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 9-13-92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 0015739-001

Ship Date: 9-13-92

Trailer No.: T-381

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.535</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.6</u>	<u>2.0</u>
Residual VCM, ppm	ABGC-26	<u>.141</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Melvin Tallie
Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 9-12-92 Product 5305 Trailer Number T-381
 Customer Premier Silo 678-687 Time 11:10
 Technician RA Order No. 0015739-001

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1.11		1.4		1.	1.	1.	L = 100.15		0 7.5
			10		—	535	—	A = 0.28		
	2.		2.		2.	2.	2.	B = 1.49		
MIDDLE	1.		1.		1.	1.	1.	L =		
								A =		
	2.		2.		2.	2.	2.	B =		
END	1.		1.		1.	1.	1.	L =		
								A =		
	2.		2.		2.	2.	2.	B =		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	0.00	0.27	8.00	14.55	16.01	7.82	2.30	0.99	
% on Mesh	0.0	.5	16.0	29.1	32.2	15.6	4.6	2.0	

Screen Analysis Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 9/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: N/A

Attention: L. G. Haefner

Order No.: 0015739-000

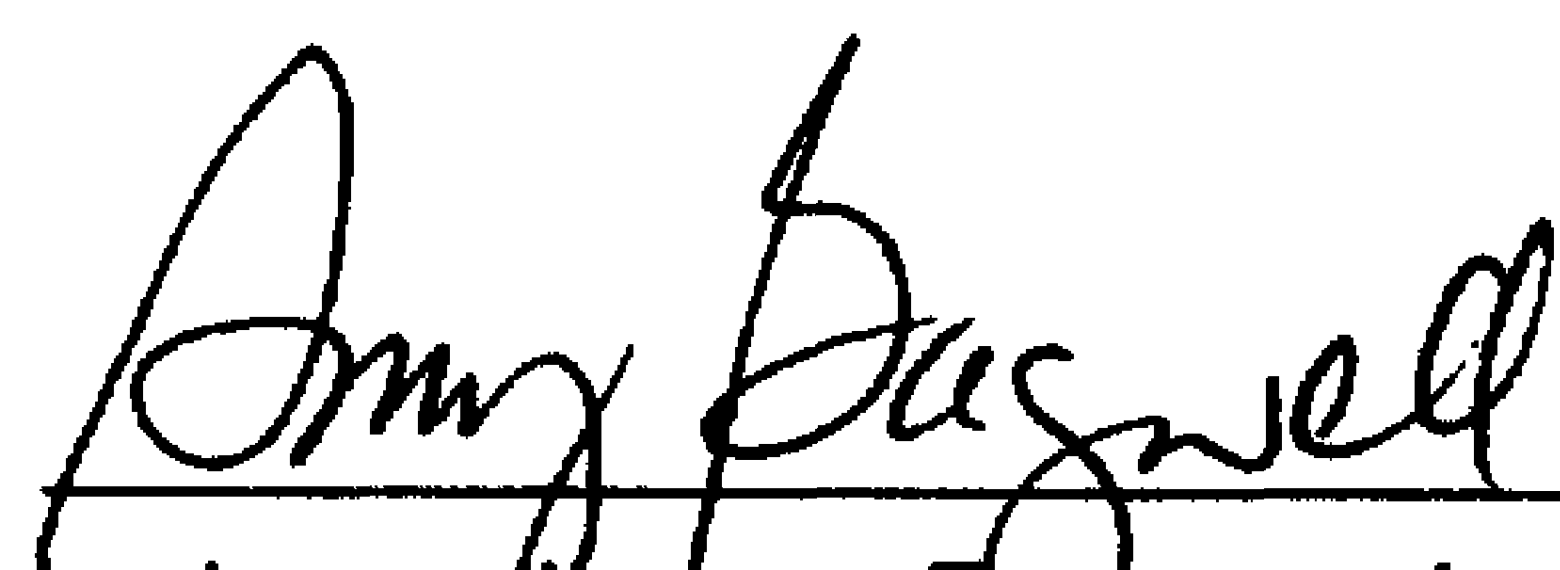
Ship Date: 9/10/92

Trailer No.: T-381

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.02</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.518</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.6</u>	<u>2.1</u>
Residual VCM, ppm	ABGC-26	<u>0.221</u>		
Inherent Viscosity	ABR-10	<u>0.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 9-10-92 Product 5305 Trailer Number 7-381
 Customer Premier Silo 688 Time 11:10
 Technician M.T. Order No. 0015739-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.02</u>		1. <u>6</u>		1. <u>-</u>	1. <u>518</u>	1. <u>-</u>	L = <u>99.55</u>	<u>0</u> / <u>8.1</u>	
	2. <u>-</u>		2. <u>8</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>0.17</u>		
MIDDLE	1. <u>-</u>		1. <u>-</u>		1. <u>-</u>	1. <u>-</u>	1. <u>-</u>	L = <u>-</u>		
	2. <u>-</u>		2. <u>-</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>-</u>		
END	1. <u>-</u>		1. <u>-</u>		1. <u>-</u>	1. <u>-</u>	1. <u>-</u>	L = <u>-</u>		
	2. <u>-</u>		2. <u>-</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>-</u>		

Particle Size Distribution:

Screen Analysis Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt. <u>P</u>	<u>0.0</u>	<u>17.6</u>	<u>8.38</u>	<u>14.66</u>	<u>15.55</u>	<u>7.31</u>	<u>2.30</u>	<u>1.03</u>	
% on Mesh	<u>0.0</u>	<u>1.5</u>	<u>16.8</u>	<u>27.3</u>	<u>31.1</u>	<u>14.6</u>	<u>4.6</u>	<u>2.1</u>	

Screen Analysis Min On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

VAB.0001202575

Vista Polymers
A Division of
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Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

VISTA

Date: 9/18/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04999

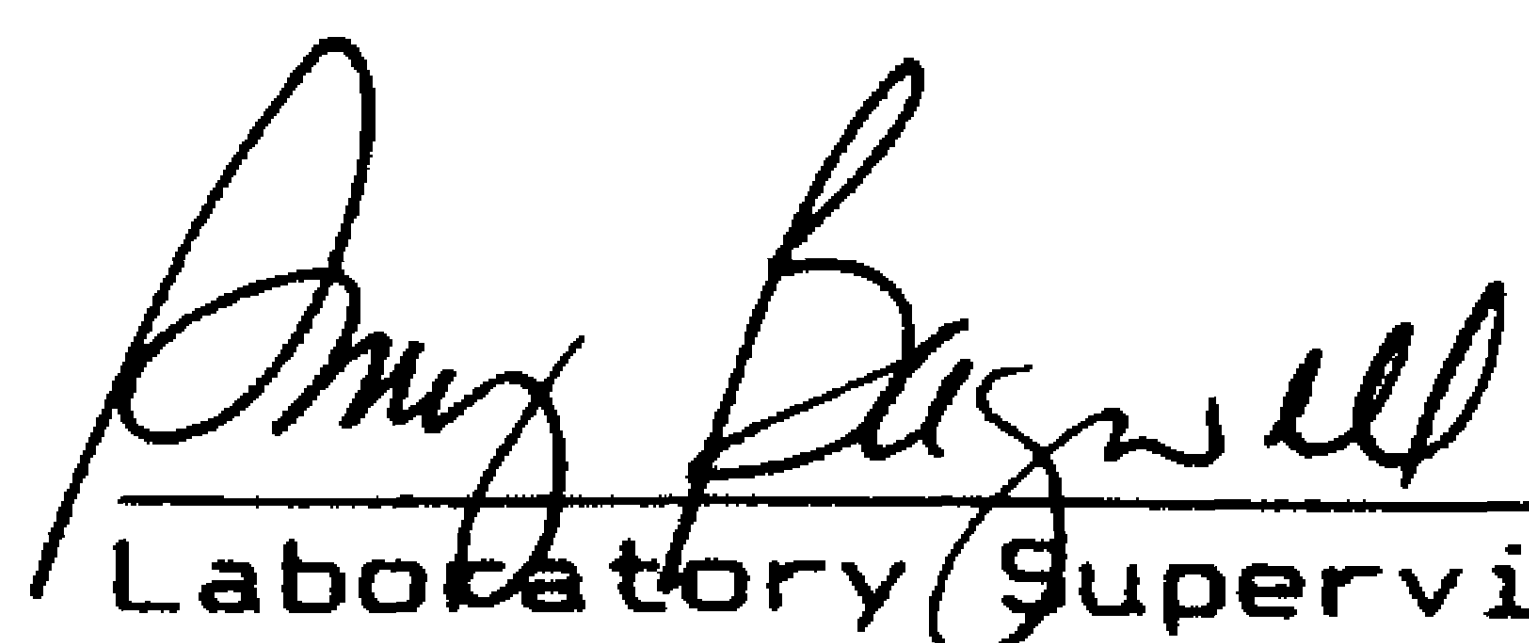
Attention: L. G. Haefner

Order No.: 0015709-000

Ship Date: 9/8/92

Trailer No.: T-5983

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>						
Moisture, %	ABR-1A	<u>0.24</u>						
Hard Particles @ 7 min.	ABR-12	<u>3</u>						
Bulk Density, gm/cc	ABR-2B	<u>0.546</u>						
Barbender Dry Time, min.	ABR-07	<u>4.9</u>						
Particle Size Dist.	ABR-3	<table><thead><tr><th><u>40 mesh</u></th><th><u>200 mesh</u></th><th><u>Pan</u></th></tr></thead><tbody><tr><td><u>0.0</u></td><td><u>14.0</u></td><td><u>3.3</u></td></tr></tbody></table>	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	<u>0.0</u>	<u>14.0</u>	<u>3.3</u>
<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>						
<u>0.0</u>	<u>14.0</u>	<u>3.3</u>						
Residual VCM, ppm	ABGC-26	<u>0.020</u>						
Inherent Viscosity	ABR-10	<u>0.97</u>						


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04999 PRODUCT: 5395 DATE: 7-23-92 TIME/TESTED BY: D915/MGVEL

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	S/T MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
COM- POSITE RESULTS	OF 1, 13, 25 & 37		0.00	.03	5.00	13.47	14.42	8.19	7.00	1.65									
			0.0	.1	10.0	26.9	29.3	16.4	14.0	3.3	5/13	4.9	0/10.1	100.7	0.15	1.78			.020
SKID #1	.27	5/14																.982	
SKID #4	.14	3/7																	
SKID #7	.21	3/11																	
SKID #10	.14	2/10																	
SKID #13	.22	3/11																.972	
SKID #16	.13	3/12																	
SKID #19	.21	1/5																	
SKID #22	.19	2/15																	
SKID #25	.23	4/35																.972	
SKID #28	.12	3/12																	
SKID #31	.15	2/11																.971	#31
SKID #34	.24	3/11																	
SKID #37	.23	5/10																.206	

"Note" HAS some Red looking Card.

Vista Polymers
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Vista Chemical Company

Highway 25
Post Office Box 91

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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 9/4/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 05017

Attention: L. G. Haefner

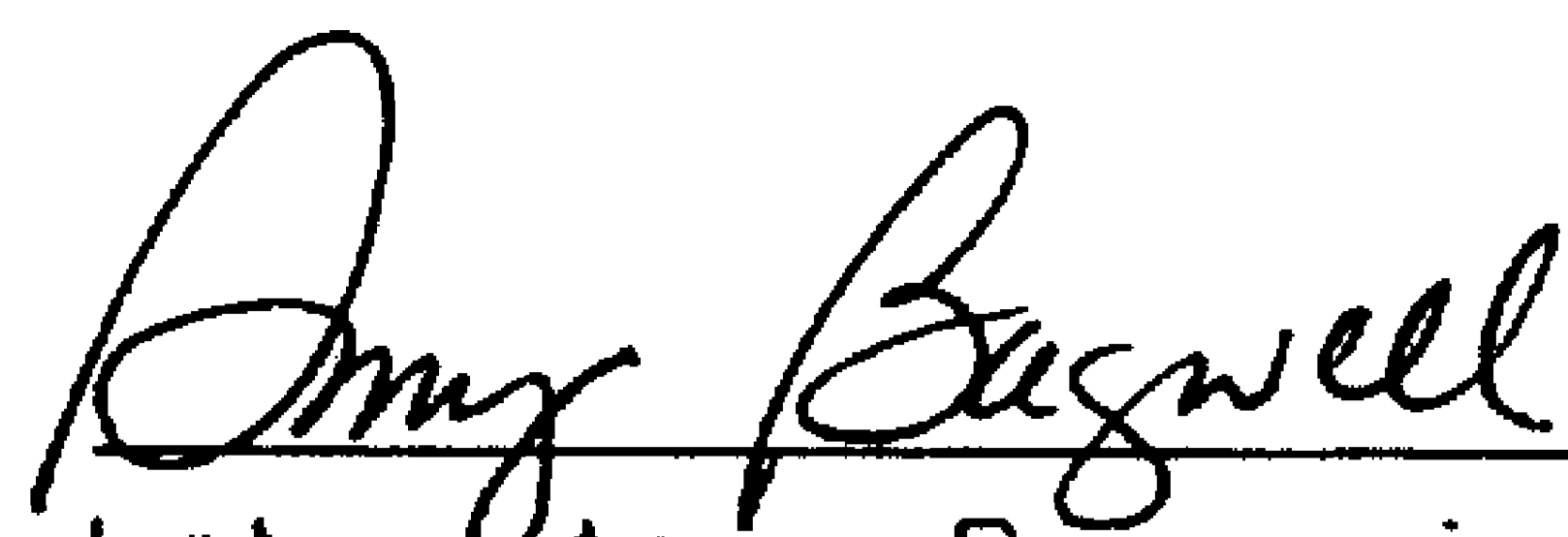
Order No.: 004573-000

Ship Date: 9/2/92

Trailer No.: T-6333

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.23</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.520</u>		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		<u>0.0</u>	<u>13.0</u>	<u>2.0</u>
Residual VCM, ppm	ABGC-26	<u>0.001</u>		
Inherent Viscosity	ABR-10	<u>0.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05019

PRODUCT: 5305

DATE: 8-19-92

TIME/TESTED BY: 0710/PTL+HPL

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN										
CON- POSITE OF 1, 13, RESULTS 25 & 37	COMPOSITE OF 1, 13, RESULTS 25 & 37		000	005	348	878	1607	1412	648	100	18 3	10.7	99.12	0.29	202			.001		
SKID #1	.19	38/19																.734		
SKID #4	.20	22/12																		
SKID #7	.19	25/16																		
SKID #10	.23	19/17																		
SKID #13	.18	18/8																.730		
SKID #16	.24	17/18																		
SKID #19	.23	24/13																		
SKID #22	.20	23/16																		
SKID #25	.23	34/8																.731		
SKID #28	.21	30/9																		
SKID #31	.19	28/18																		
SKID #34	.20	39/18																		
SKID #37	.22	20/20																.731		

Vista Polymers
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Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 9/4/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05009

Attention: L. G. Haefner

Order No.: 0014575-000

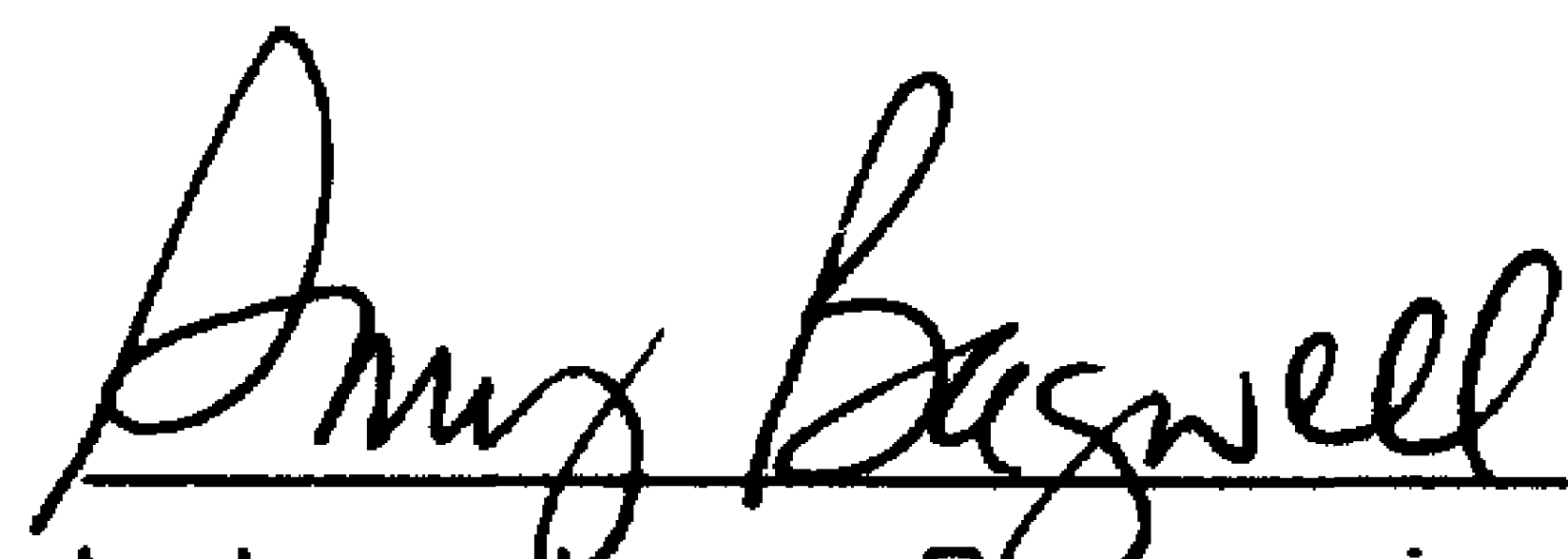
Ship Date: 9/1/92

Trailer No.: T-8376

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>0.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>0.553</u>		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		<u>0.0</u>	<u>8.7</u>	<u>2.0</u>
Residual VCM, ppm	ABGC-26	<u>0.018</u>		
Inherent Viscosity	ABR-10	<u>0.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05009

PRODUCT: 5265

DATE: 8/10/92

TIME/TESTED BY: 1150/HA dxc

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/G MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.23	5.27	10.41	16.64	12.23	4.37	1.00		69	-	07						
			0.0	.5	10.5	20.8	33.0	24.5	8.7	2.0	.553	23.44	-	12	98.54	0.77	202	-		.018
SKID #1	.10	19/5																	.662	
SKID #4	.09	13/5																		
SKID #7	.10	21/6																		
SKID #10	.09	30/4																		
SKID #13	.09	14/5																	.662	
SKID #16	.10	19/6																		
SKID #19	.08	14/4																		
SKID #22	.09	28/3																		
SKID #25	.10	36/6																	.658	
SKID #28	.10	30/6																		
SKID #31	.10	17/5																		
SKID #34	.11	20/6																		
SKID #37	.10	12/6																	.660	

Blown Film Good

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: September 4, 1992

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Railcar No.: PLCX 42644

Attention: L. G. Haefner

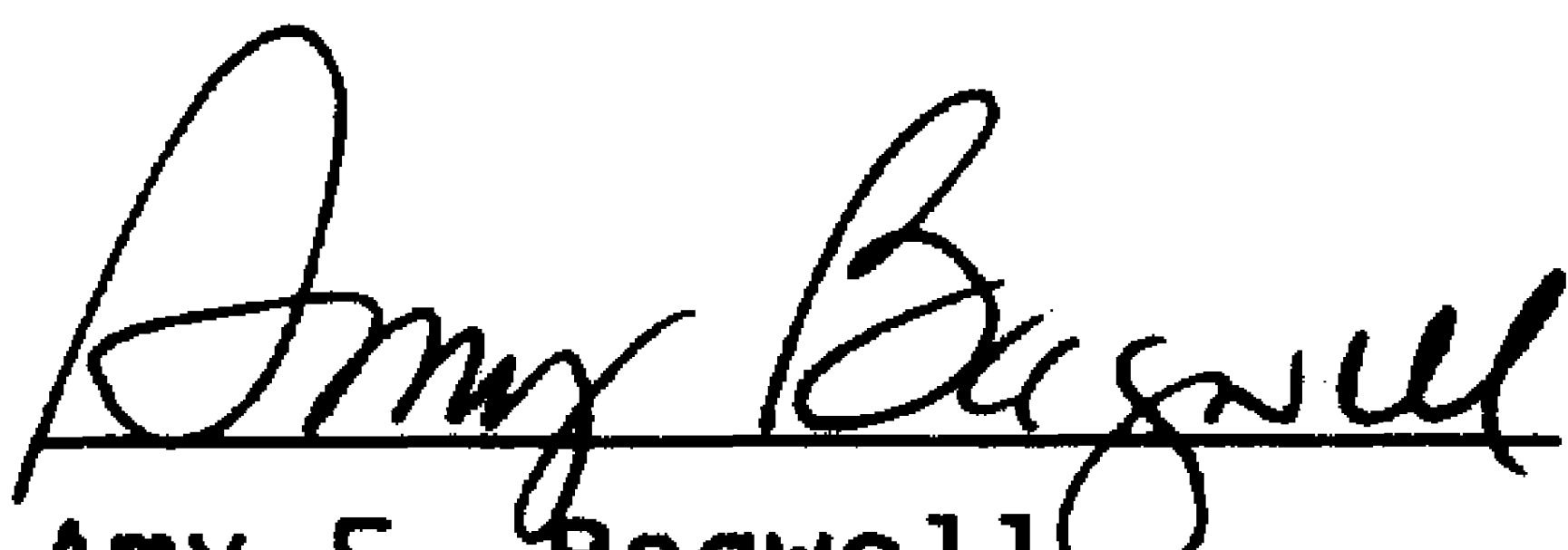
Order No.: 0015653-000

Ship Date: September 3, 1992

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.06
Bulk Density	ABR-2A	0.528
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		8.0
Pan		2.9
Residual VCM, PPM	ABGC-26	0.062
Inherent Viscosity	ABR-10	0.74

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

Vista Polymers

Highway 25

Aberdeen, MS 39730 A

Last Cont. 5385

PVC RAILCAR ANALYSIS

Load Date: 7-3-92Product: 5305Car No.: 42644Time Logged In: 0230Logged In By: P.O.Silo(s): 678, 688, 680Ship Date: 9/3/92Order No: 15653-000Customer: ~~P.O.~~ Premier

No Metal

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.06		.05		.05		.02	
Contamination	BL		5		2		3	
	BR	4	5		6		5	
Bulk Density	.531		.532		.519		.529	
BD w/antistat								
Viscosity	.735		.735		.736		.731	
RVCM	.062		.062		.045		.066	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
	4/6							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>0.17</u>	<u>7.46</u>	<u>12.86</u>	<u>15.04</u>	<u>8.99</u>	<u>4.00</u>	<u>1.46</u>
% P	<u>0.0</u>	<u>.3</u>	<u>14.9</u>	<u>25.7</u>	<u>30.2</u>	<u>18.0</u>	<u>8.0</u>	<u>2.9</u>

Avg. Microns: 145.1% Glassies: <190Color L: 99.49 a 0.38 b 1.82Static Flow: 0 / 7.7Technician: M.T. + K.H.

Vista Polymers
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Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: September 10, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

Railcar No: ACFX 41179

Attention: L. G. Haefner

Order No.: 0014572-001

Ship Date: September 4, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.12
Bulk Density	ABR-2A	0.498
Brabender Dry Time, Mins	ABR-7	4.9
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		5.1
Pan		1.9
Residual VCM, PPM	ABGC-26	0.094
Inherent Viscosity	ABR-10	1.02


Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

PVC RAILCAR ANALYSIS

Load Date: 9-3-92Product: 5415Car No.: 41179

Time Logged In: _____

Logged In By: MITSilo(s): 690Ship Date: 9/4Order No: 14572-001Customer: ~~Blues~~ Premier

<u>No metal</u>								
<u>Reload</u>								
Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %					.25		.25	
Contamination	BL							
	BR				3	6	5	4
Bulk Density					12	8	11	5
Hard Particle	5				.524		.496	
	7					12		
Viscosity						1 MB		
RVCM					1.012		1.021	
					.094			

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	.00	1.93	18.88	13.47	8.06	3.88	2.78	.89
% P	.00	3.9	37.8	26.9	16.2	7.8	5.6	1.8

Drytime: 4.8Static Flow: 0.8.8 Avg. Microns: _____Color L: 100.14 a 0.07 b 1.57METS: 9964, 133.9 %Technician: MIT & RH

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 7/22/92 Product: 5415 Car No.: 41179
 Time Logged In: 1030 Logged In By: [Signature] Silo(s): 690/691
 Ship Date: _____ Order No: _____ Customer: _____

metal (G) *OFFLOADING 9/3/92*

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	<u>.07</u>		<u>.12</u>		<u>.06</u>		<u>.08</u>	
Contamination ^{BL}	<u>10</u>	<u>8</u>	<u>12</u>	<u>7</u>			<u>30</u>	<u>4</u>
^{BR}	<u>56</u>	<u>30</u>	<u>43</u>	<u>28</u>				
Bulk Density	<u>495</u>		<u>498</u>		<u>.504</u>		<u>.494</u>	
Hard Particle ⁵	<u>8</u>	—	—	—	—	—	—	—
⁷	<u>1</u>							
Viscosity	<u>1.022</u>							
RVCM	<u>.001</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>1.56</u>	<u>19.22</u>	<u>14.35</u>	<u>7.69</u>	<u>3.75</u>	<u>2.53</u>	<u>.94</u>
% P	<u>0.0</u>	<u>3.1</u>	<u>38.4</u>	<u>28.7</u>	<u>15.3</u>	<u>7.5</u>	<u>5.1</u>	<u>1.9</u>

Drytime: 4.9 Static Flow: 0.8.5 Avg. Microns: 174.2

Color L: 100.10 a 0.32 b 0.67

METS: 9789, 123.6%

Technician: M.T. & L.H.

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 8/25/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 05017

Attention: L. G. Haefner

Order No.: 0015237-000

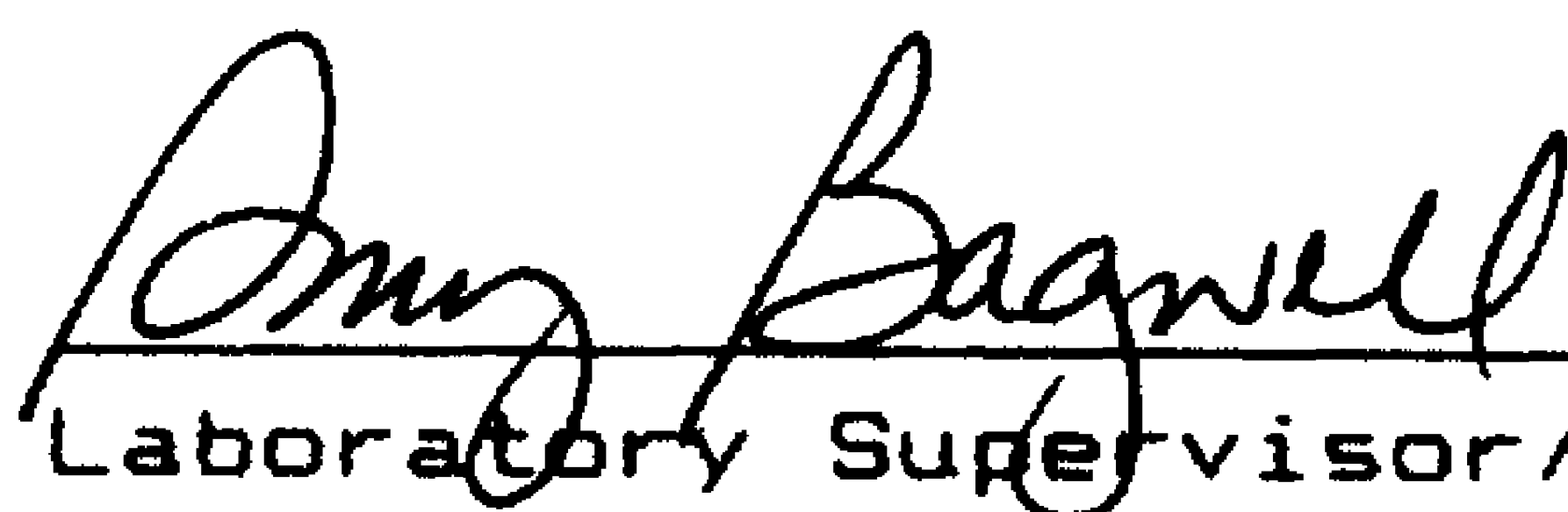
Ship Date: 8/24/92

Trailer No.: T-28733

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.23</u>		
Bulk Density, gm/cc	ABR-2A	<u>.520</u>		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		<u>0.0</u>	<u>13.0</u>	<u>2.0</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05019 PRODUCT: 5305 DATE: 8-19-92 TIME/TESTED BY: 0710 / P.J. + H.L.

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37		000	0.05	3.48	8.78	16.07	14.12	6.48	1.00	18	1							
			00	0.1	7.0	17.6	32.1	28.2	13.0	2.0	3	10.7	99.12	0.29	20.2				.001
SKID #1	.19	28/19																.734	
SKID #4	.20	22/12																	
SKID #7	.19	25/16																	
SKID #10	.23	19/17																	
SKID #13	.18	18/8																.730	
SKID #16	.24	19/18																	
SKID #19	.23	24/13																	
SKID #22	.20	23/16																	
SKID #25	.23	34/8																.731	
SKID #28	.21	30/9																	
SKID #31	.19	28/18																	
SKID #34	.20	39/18																	
SKID #37	.22	20/20																.731	

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 8/20/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04990

Attention: L. G. Haefner

Order No.: 0011301-000

Ship Date: 8/18/92

Trailer No.: T-7917

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.525</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.4</u>	<u>1.8</u>
Average Microns		<u>152.5</u>		
Residual VCM, ppm	ABGC-26	<u>.058</u>		
Inherent Viscosity	ABR-10	<u>.80</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>24.8</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESI. BAG BLEND

BLEND NO: 04990 PRODUCT: 5325 DATE: 7/5/92 TIME/TESTED BY: 1925/COD/HA

AVG. MICRONS, 5225/5325/5415: 1525

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION												L	A	B			
			40	60	80	100	120	140	200	PAN										
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.29	86.3	13.29	15.84	6.74	2.22	.89	50	-	0/7.1	99.30	70	1.85	248	11%	.058	
SKID #1	.04	5/2																	.802	
SKID #4	.06	3/4																		
SKID #7	.11	4/3																		
SKID #10	.14	4/6																		
SKID #13	.05	3/5																	.799	
SKID #16	.08	2/7																		
SKID #19	.10	7/4																		
SKID #22	.10	6/2																		
SKID #25	.11	4/8																	.804	
SKID #28	.08	5/4																		
SKID #31	.07	3/6																		
SKID #34																				
SKID #37																				

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 8/20/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04988

Attention: L. G. Haefner

Order No.: 0011301-000

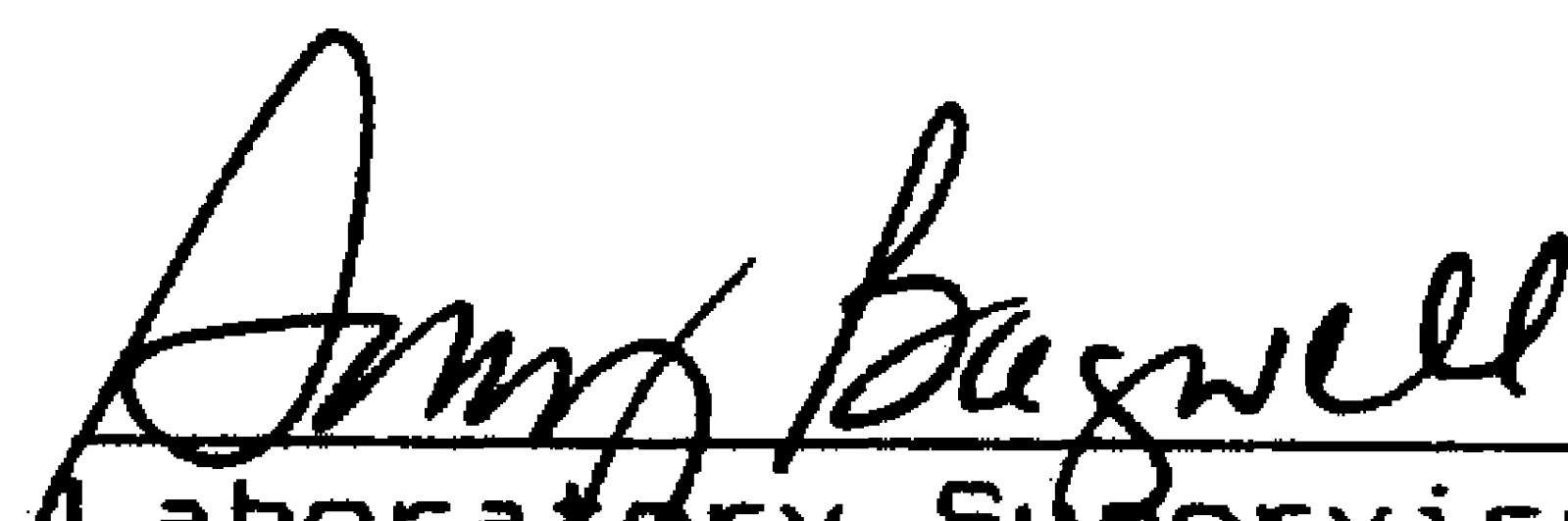
Ship Date: 8/18/92

Trailer No.: T-7917

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.17</u>		
Bulk Density, gm/cc	ABR-2A	<u>.515</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.2</u>	<u>2.5</u>
Average Microns		<u>145</u>		
Residual VCM, ppm	ABGC-26	<u>.070</u>		
Inherent Viscosity	ABR-10	<u>.80</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>25.5</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04988 'PRODUCT: 5325 DATE: 7-2-92 TIME/TESTED BY: 13:00 / RYMT

AVG. MICRONS, 5225/5325/5415: 145

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37	6 13, 54.4	0.0	0.08	6.31	13.23	16.99	8.98	3.12	1.23		59/90		0						
			0.0	2	12.6	26.5	34.2	17.9	6.2	2.5	515	-	-	7.6	0.26	0.24	1.61	25.5	41%	.070
SKID #1	.17	3/6																	801	
SKID #4	.15	1/8																		
SKID #7	.15	2/4																		
SKID #10	.17	3/5																		
SKID #13	.16	3/7																	.798	
SKID #16	.16	1/10																		
SKID #19	.16	3/2																		
SKID #22																				
SKID #25																				
SKID #28																				
SKID #31																				
SKID #34																				
SKID #37																				

42750

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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 8/19/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5465

Lot No.: 05001

VISTA

Attention: L. G. Haefner

Order No.: 0014571-000

Ship Date: 8/17/92

Trailer No.: T-6897

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	<u>.22</u>
Hard Particles @ 7 min.	ABR-12	<u>1</u>
Bulk Density, gm/cc	ABR-2B	<u>.489</u>
Barbender Dry Time, min.	ABR-07	<u>5.2</u>
Particle Size Dist.	ABR-3 <u>40 mesh</u>	<u>200 mesh</u> <u>Pan</u>
		<u>0.0</u> <u>5.4</u> <u>1.7</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>
Inherent Viscosity	ABR-10	<u>1.11</u>

Amy Bagwell
Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05001 PRODUCT: 5465 DATE: 7/29/92 TIME/TESTED BY: 1100/1102

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	0.15	13.52	17.25	10.25	4.32	2.69	0.84	.489	5.2	19.6	101.3	0.06	1.60			.001
SKID #1	.19	4/1																1.108	
SKID #4	.19	3/1																	
SKID #7	.20	1/1																	
SKID #10	.20	1/2																	
SKID #13	.21	1/1																1.116	
SKID #16	.20	2/1																	
SKID #19	.21	2/1																	
SKID #22	.22	3/1																	
SKID #25	.21	4/1																1.120	
SKID #28	.22	4/1																	
SKID #31	.21	2/1																	
SKID #34	.15	3/1																	
SKID #37	.21	3/2																1.107	

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CERTIFICATE OF ANALYSIS

Date: August 20, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

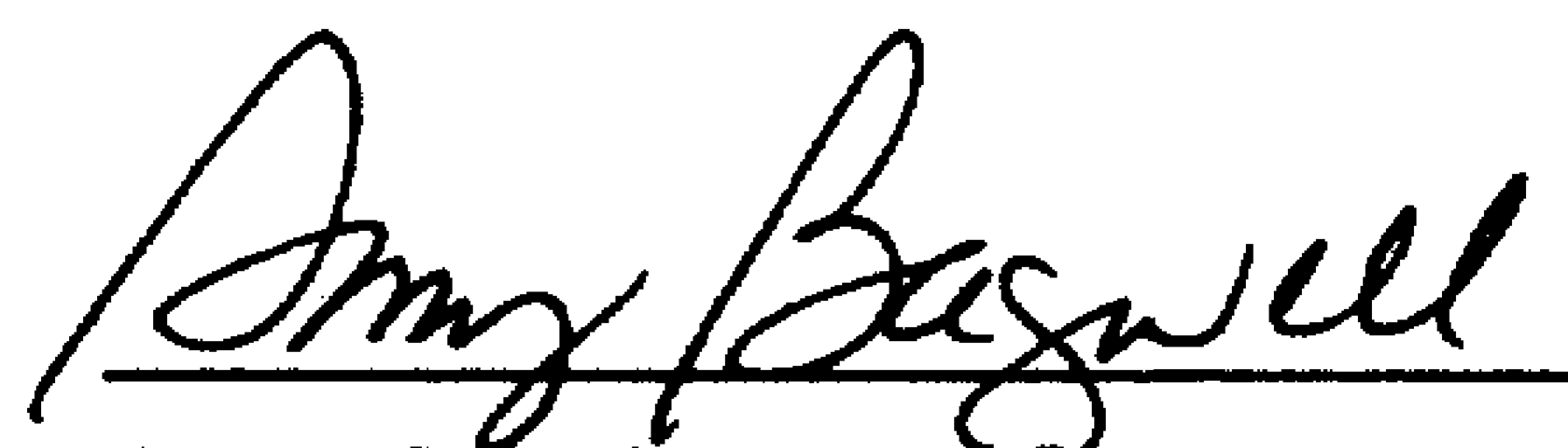
Railcar No: VIPX 45820

Attention: L. G. Haefner

Order No.: 0014572-000

Ship Date: August 14, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.24
Bulk Density	ABR-2A	0.511
Brabender Dry Time, Mins	ABR-7	4.9
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		5.3
Pan		1.8
Residual VCM, PPM	ABGC-26	0.006
Inherent Viscosity	ABR-10	1.03



Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 8-13-92 Product: 5415 Car No.: 45820
 Time Logged In: 1400 Logged In By: M.T Silo(s): 690-691
 Ship Date: 8/14 Order No: 14572-000 Customer: Premier

No Metal

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.19		.23		.22		.24	
Contamination	BL	3	3	4	2	2	3	4
	BR	9	11	15	4	9	7	10
Bulk Density	.513		.512		.509		.509	
Hard Particle	5	4						
	7	26						
Viscosity	1.026							
RVCM	.006							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.81</u>	<u>15.62</u>	<u>16.39</u>	<u>10.00</u>	<u>4.11</u>	<u>2.65</u>	<u>.88</u>
%	<u>0.0</u>	<u>.4</u>	<u>31.2</u>	<u>32.8</u>	<u>20.3</u>	<u>8.2</u>	<u>5.3</u>	<u>1.8</u>

Drytime: 4.9 Static Flow: 0.84 Avg. Microns: 164.2

Color L: 101.00 a 0.03 b 1.32

METS: 9300 127.5 %

Technician: COTE

VAB.0001202596

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CERTIFICATE OF ANALYSIS

VISTA

Date: 8/11/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04998

Attention: L. G. Haefner

Order No.: 0814570-000

Ship Date: 8/10/92

Trailer No.: T-5485

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>						
Moisture, %	ABR-1A	<u>0.16</u>						
Hard Particles @ 7 min.	ABR-12	<u>2</u>						
Bulk Density, gm/cc	ABR-2B	<u>0.508</u>						
Barbender Dry Time, min.	ABR-07	<u>5.0</u>						
Particle Size Dist.	ABR-3	<table><thead><tr><th><u>40 mesh</u></th><th><u>200 mesh</u></th><th><u>Pan</u></th></tr></thead><tbody><tr><td><u>0.0</u></td><td><u>13.0</u></td><td><u>3.1</u></td></tr></tbody></table>	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	<u>0.0</u>	<u>13.0</u>	<u>3.1</u>
<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>						
<u>0.0</u>	<u>13.0</u>	<u>3.1</u>						
Residual VCM, ppm	ABGC-26	<u>0.152</u>						
Inherent Viscosity	ABR-10	<u>0.97</u>						

JE Bagwell
Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04998 PRODUCT: 5395 DATE: 7-21-92 TIME/TESTED BY: 2130 R34MT

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37		0.0	0.08	4.47	14.72	44.36	8.44	6.52	1.56	8 2 1/2	5.0	0	0.99	0.12	1.71			.152
SKID #1	.12	2/4																.969	
SKID #4	.11	1/6																	
SKID #7	.12	3/2																	
SKID #10	.09	1/9																	
SKID #13	.10	2/8																.964	
SKID #16	.11	3/9																	
SKID #19	.10	4/4																	
SKID #22	.13	3/3																	
SKID #25	.14	3/4																.967	
SKID #28	.16	8/8	no sample																
SKID #31	.13	2/3																	
SKID #34	.10	1/8																	
SKID #37	.13	3/4																.967	

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Aberdeen, Mississippi 39730-0091
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CERTIFICATE OF ANALYSIS

Date: 8/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 05005

Attention: L. G. Haefner

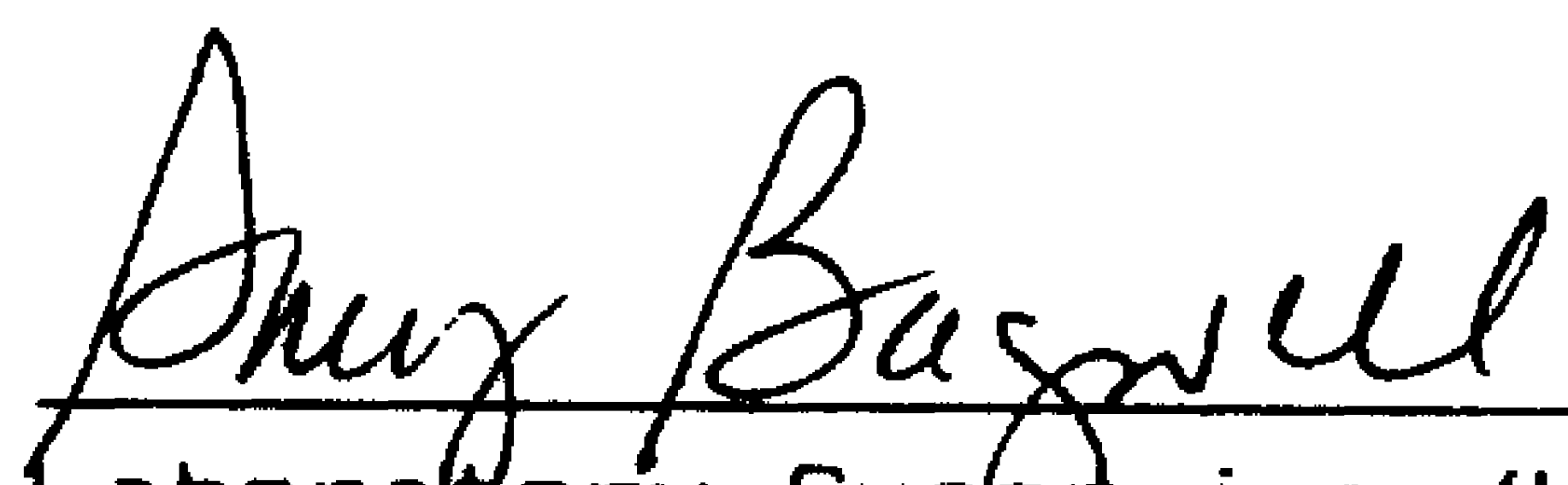
Order No.: 0014567-000

Ship Date: 8/6/92

Trailer No.: T-6064

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.538</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>5.8</u>	<u>2.8</u>
Residual VCM, ppm	ABGC-26	<u>.011</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 25025 PRODUCT: 5305 DATE: 8/2/92 TIME/TESTED BY: 2230/HADMG

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM
															L	A	B			
			40	60	80	100	120	140	200	PAN										
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.08	6.94	14.42	16.51	7.68	2.91	1.38		50	—	0/7.8	99.06	.53	2.01			.011
			0.0	.2	13.9	28.8	33.1	15.4	5.8	2.8	.538	50	MA							
SKID #1	.04	2/1																	.726	
SKID #4	.04	3/1																		
SKID #7	.04	2/2																		
SKID #10	.07	1/3																		
SKID #13	.09	2/1																	.726	
SKID #16	.02	2/2																		
SKID #19	.01	2/3																		
SKID #22	.02	1/1																		
SKID #25	.09	1/2																	.729	
SKID #28	.02	2/3																		
SKID #31	.03	2/2																		
SKID #34	.01	3/1																		
SKID #37	.11	2/1																	.726	

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Post Office Box 91

Aberdeen, Mississippi 39730-0091
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A

CERTIFICATE OF ANALYSIS

Date: 8/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 05000

Attention: L. G. Haefner

Order No.: 0014567-000

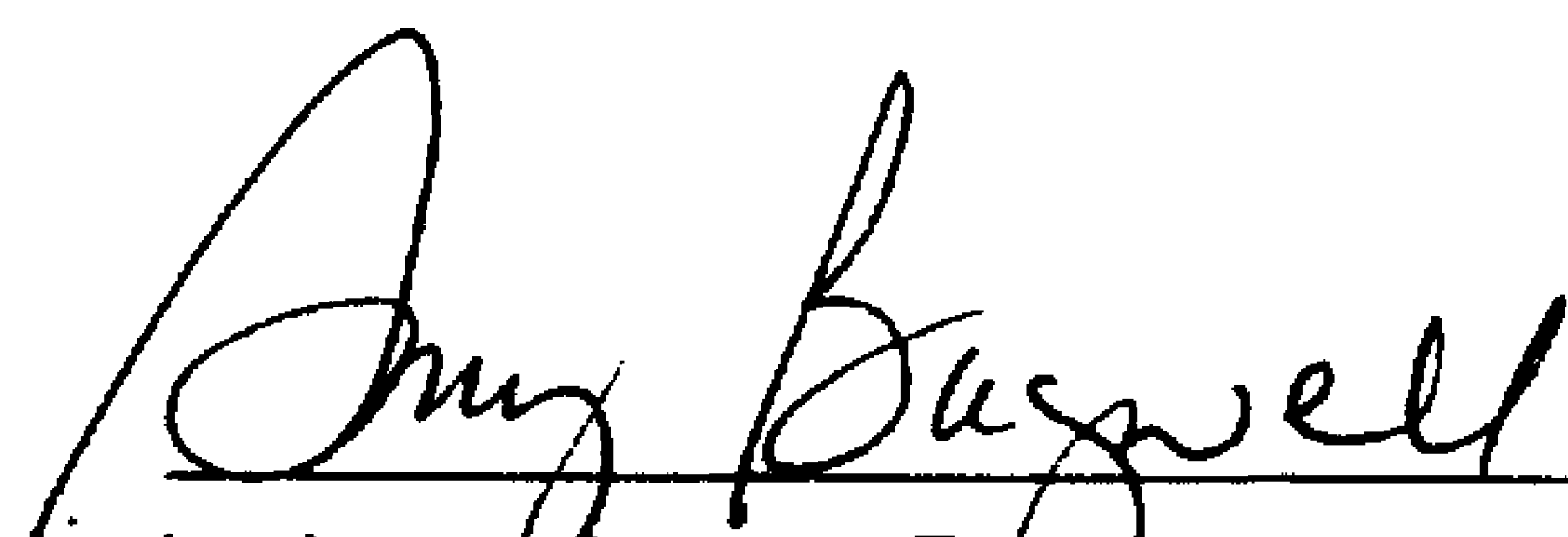
Ship Date: 8/6/92

Trailer No.: T-6064

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.19</u>		
Bulk Density, gm/cc	ABR-2A	<u>.534</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>14.4</u>	<u>3.5</u>
Residual VCM, ppm	ABGC-26	<u>.275</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05000

PRODUCT: 5305

DATE: 7-24-92

TIME/TESTED BY: 6+ES

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37																				
SKID #1	.10	2/5									.532	50		0/8.8	99.69	.24	1.73	11%	.727	.275
SKID #4	.15	3/7	0.00	.10	2.50	8.58	14.18	12.34	9.04	3.23										
SKID #7	.13	4/6	0.0	0.0	5.0	17.2	28.5	24.7	18.1	6.5										
SKID #10	.10	2/9																		
SKID #13	.23	4/10	0.00	.06	2.74	9.40	14.88	12.34	8.12	2.40										
SKID #16	.14	3/8	0.0	0.0	5.5	18.8	30.0	24.7	16.2	4.8										
SKID #19	.18	25/7																		
SKID #22	.13	9/3																		
SKID #25	.14	11/6	0.00	.04	3.79	9.85	14.72	11.49	7.46	2.62										
SKID #28	.12	8/7	0.0	.1	7.6	19.7	29.5	23.0	14.9	5.2	.534			0/8.2	100.43	.16	1.32	61%	.724	
SKID #31	.13	11/9	0.00	.03	3.85	10.20	15.34	11.74	7.19	1.74										
SKID #34	.11	14/8	0.0	.1	7.7	20.4	30.7	23.5	14.4	3.5										
SKID #37	.19	12/9																		
SKID #40	.17	4/3																		

SKID #5 .12 8/6

22-31 40-43

10

4

~~2-16, 25-31~~ 1-16, 25-31 Raynolds
13-24, 32-43 Remier

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Post Office Box 91

Aberdeen, Mississippi 39730-0091
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CERTIFICATE OF ANALYSIS

Date: August 5, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

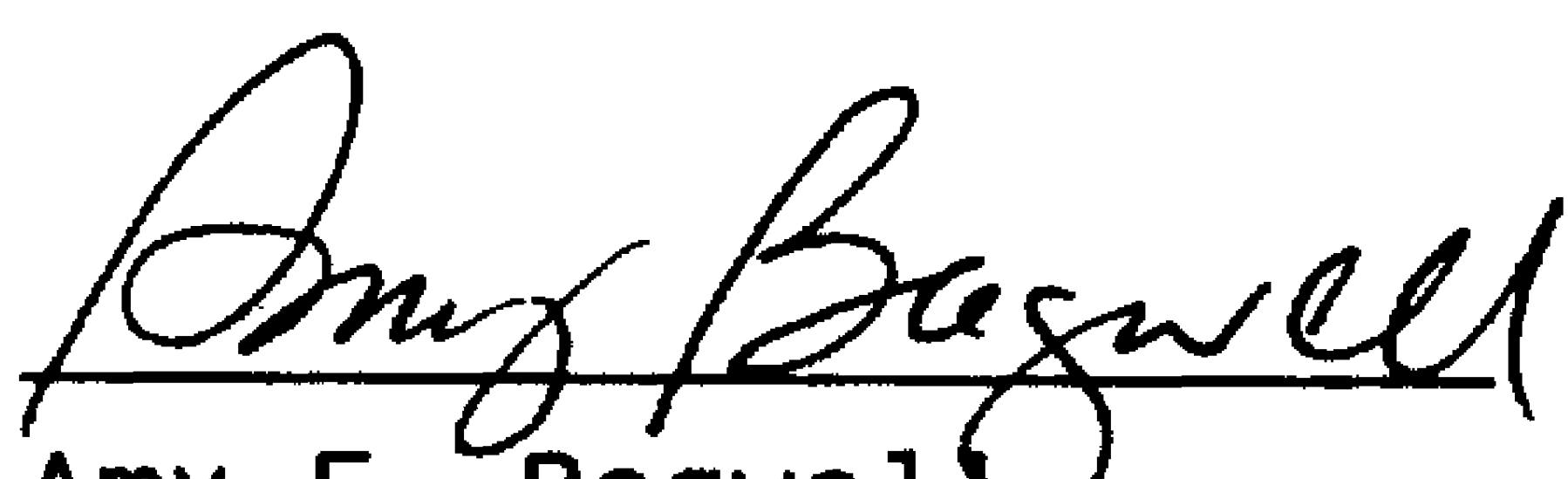
Railcar No: ACFX 41164

Attention: L. G. Haefner

Order No.: 0013479-001

Ship Date: August 4, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.12
Bulk Density	ABR-2A	0.508
Brabender Dry Time, Mins	ABR-7	4.9
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		4.5
Pan		1.5
Residual VCM, PPM	ABGC-26	0.005
Inherent Viscosity	ABR-10	1.04


Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 7-31-92Product: 5415Car No.: 41164Time Logged In: 1800Logged In By: RHSilo(s): 690, 691Ship Date: 8/3/92Order No: 13479-001Customer: ~~Santa Fe~~

Premier

no metal

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.11		.12		.10		.08	
Contamination	BL	<u>3</u>	<u>2</u>	<u>4</u>	<u>3</u>	<u>2</u>	<u>4</u>	<u>2</u>
	BR	<u>2</u>	<u>4</u>	<u>4</u>	<u>5</u>	<u>4</u>	<u>5</u>	<u>2</u>
Bulk Density	.506		.509		.507		.510	
Hard Particle	5	<u>4</u>	—	—	—	—	—	—
	7	<u>1 GB</u>	—	—	—	—	—	—
Viscosity	<u>1.042</u>							
RVCM	<u>.005</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>1.63</u>	<u>20.30</u>	<u>14.88</u>	<u>7.45</u>	<u>2.81</u>	<u>2.23</u>	<u>.75</u>
%	<u>0.0</u>	<u>3.3</u>	<u>40.6</u>	<u>29.8</u>	<u>14.7</u>	<u>5.6</u>	<u>4.5</u>	<u>1.5</u>

Drytime: 4.9 Static Flow: 0 / 8.0 Avg. Microns: 177.7Color L: 100.55 a .08 b 1.51METS: 8454 / 116.9 %Technician: M. V. H. A.

VAB.0001202604

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 8/4/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 05003

Attention: L. G. Haefner

Order No.: 0013481-000

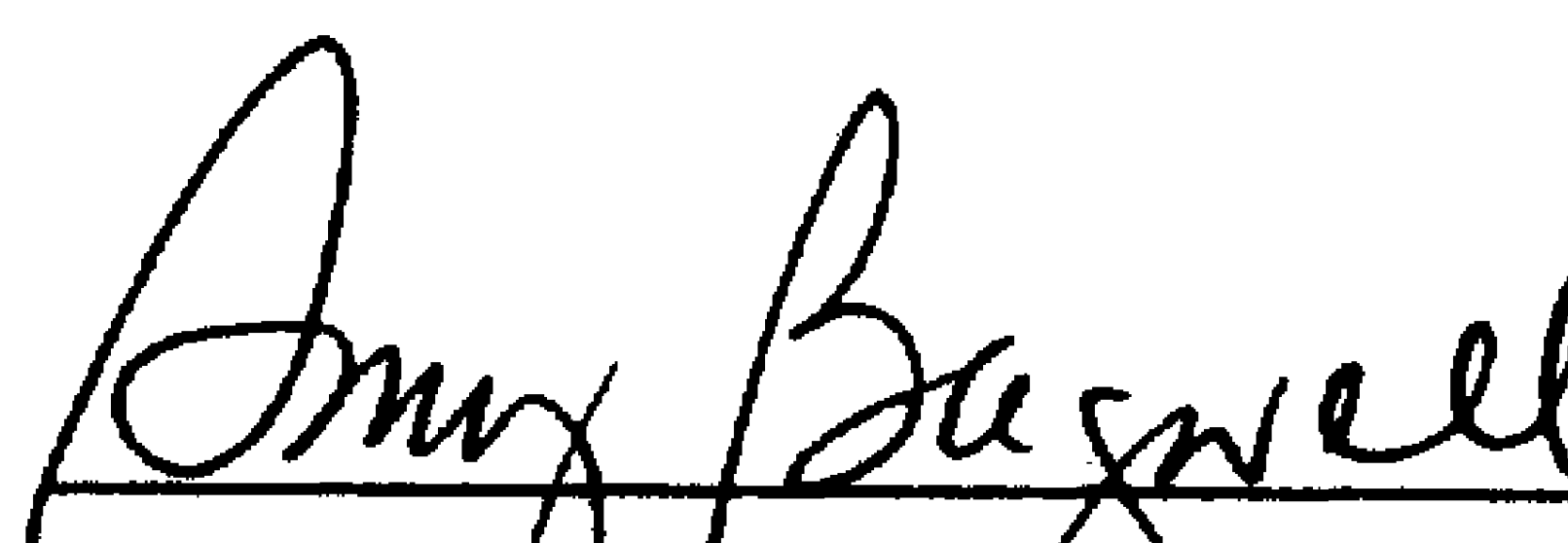
Ship Date: 8/3/92

Trailer No.: T-6042

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.564</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.1</u>	<u>2.1</u>
Residual VCM, ppm	ABGC-26	<u>.012</u>		
Inherent Viscosity	ABR-10	<u>.64</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05063 PRODUCT: 5265 DATE: 8-1-92 TIME/TESTED BY: 1100/3PS

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			X GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	0.45	10.26	16.17	14.52	5.46	2.04	1.05									
			0.0	0.9	20.5	32.3	29.2	10.9	4.1	2.1	52 5025	0/7.6	98.82	0.70	1.94			.012	
SKID #1	.11	1/3																.659	
SKID #4	.08	3/2																	
SKID #7	.09	3/4																	
SKID #10	.09	1/4																	
SKID #13	.10	1/4																.661	
SKID #16	.05	1/3																	
SKID #19	.05	3/4																	
SKID #22	.06	2/10																	
SKID #25	.08	1/3																.635	
SKID #28	.01	1/5																	
SKID #31	.01	2/5																	
SKID #34	.05	1/4																	
SKID #37	.09	2/4																.625	

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

VISTA

Date: 7/27/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04919

Attention: L. G. Haefner

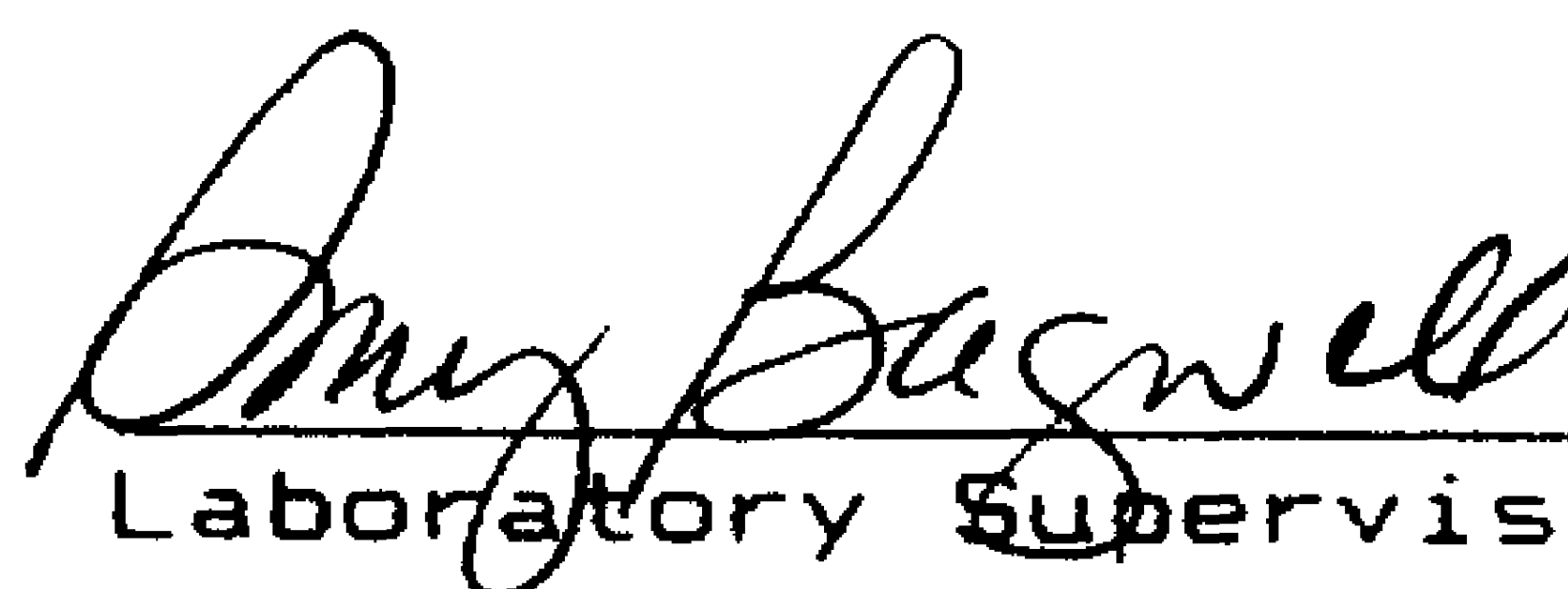
Order No.: 0013471-000

Ship Date: 7/22/92

Trailer No.: T-28208

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	<u>.24</u>
Hard Particles @ 7 min.	ABR-12	<u>4</u>
Bulk Density, gm/cc	ABR-2A	<u>.557</u>
Barbender Dry Time, min.	ABR-7	<u>4.5</u>
Particle Size Dist.	ABR-3 <u>40 mesh</u>	<u>200 mesh</u> <u>Pan</u>
	<u>0.0</u>	<u>8.3</u> <u>2.0</u>
Residual VCM, ppm	ABGC-26	<u>.026</u>
Inherent Viscosity	ABR-10	<u>.96</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04919 PRODUCT: 5395 DATE: 3-20-92 TIME/TESTED BY: 0730 Co+ES

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			GLASSY %	CPA	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION																		
			40	60	80	100	120	140	200	PAN											
COMP. SAMPLES	—	—	0.00	0.05	9.14	16.10	13.09	6.64	4.16	0.99	8/4	4.5	0/8.0	99.74	—	03	1.44			.026	
NO. 1	.18	2/4																		.963	
NO. 4	.22	3/5																		.964	
NO. 7	.21	1/6																			
NO. 10	.23	2/6																			
NO. 13	.21	1/5																			
NO. 16	.24	2/7																			
NO. 19	.23	3/6																			

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CERTIFICATE OF ANALYSIS

Date: 7/20/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04990

Attention: L. G. Haefner

Order No.: 0011293-001

Ship Date: 7/17/92

Trailer No.: T-5997

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>.525</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.4</u>	<u>1.8</u>
Average Microns		<u>153</u>		
Residual VCM, ppm	ABGC-26	<u>.058</u>		
Inherent Viscosity	ABR-10	<u>.80</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>24.8</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Amy Bagwell
Laboratory Supervisor/Lead

RESIDUAL BAG BLEND

BLEND NO: 04990 PRODUCT: 5325 DATE: 7/5/92 TIME/TESTED BY: 1925/COT/HA

Avg. Microns, 5225/5325/5415: 1525

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
COM- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.29	86.3	13.29	15.84	6.74	2.22	.89	50	-	0/7.1	99.30	.70	1.85	248	41%	.058
SKID #1	.04	5/2	0.0	0.6	17.3	30.1	32.3	13.5	4.4	1.8	525	50						.802	
SKID #4	.06	3/4																	
SKID #7	.11	6/3																	
SKID #10	.14	4/6																	
SKID #13	.05	3/5																	
SKID #16	.08	2/7																.799	
SKID #19	.10	7/4																	
SKID #22	.10	6/2																	
SKID #25	.11	4/8																.804	
SKID #28	.08	5/4																	
SKID #31	.07	3/6																	
SKID #34																			
SKID #37																			

74250

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CERTIFICATE OF ANALYSIS

Date: 7/20/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

VISTA

Lot No.: 04991

Attention: L. G. Haefner

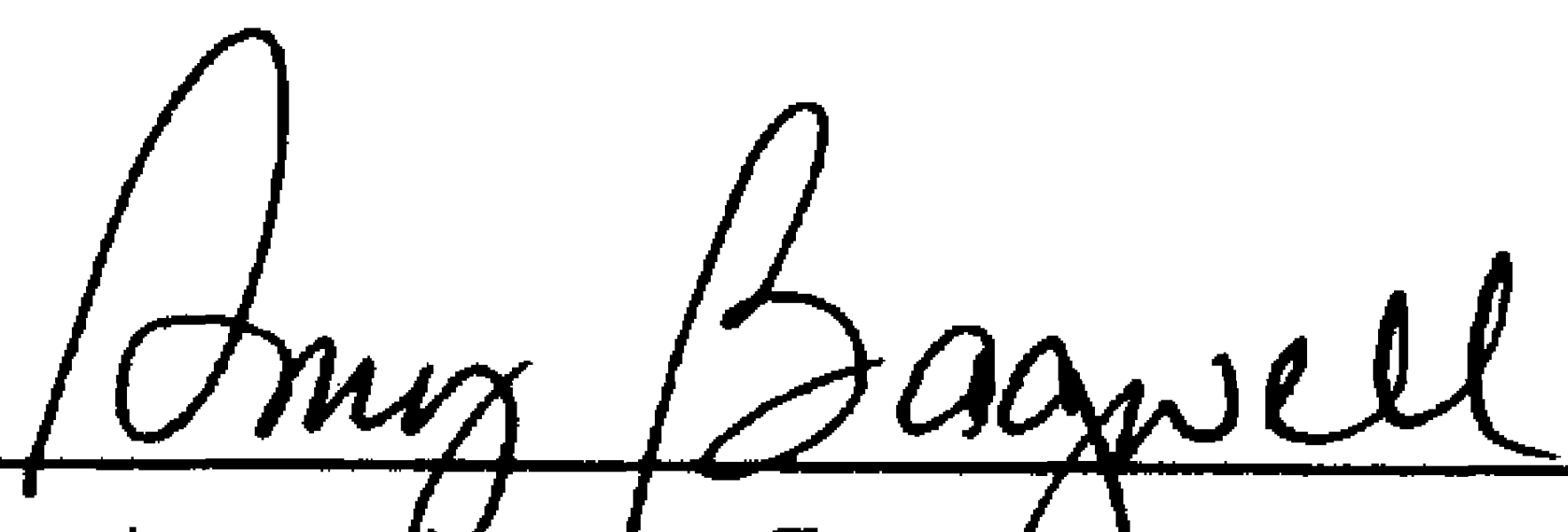
Order No.: 0012219-000

Ship Date: 7/16/92

Trailer No.: T-8113

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.17</u>		
Bulk Density, gm/cc	ABR-2A	<u>.539</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>20.0</u>	<u>4.0</u>
Residual VCM, ppm	ABGC-26	<u>.033</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESI. BAG BLEND

BLEND NO: 04951 PRODUCT: 5265 DATE: 7/6/92 TIME/TESTED BY: 1900/179

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			COLOR																	
			40	60	80	100	120	140	200	PAN										
CON- POSITE OF 1, 13, RESULTS 25 & 37	COMPOSITE OF 1, 13, RESULTS 25 & 37	#1	0.00	0.02	1.93	6.37	13.94	16.08	10.00	1.98		50/25	0/	99.43	0.70	1.89			.033	
SKID #1	.16	8/11																	.667	
SKID #4	.10	4/12																		
SKID #7	.09	5/9																		
SKID #10	.08	6/8																		
SKID #13	.12	6/15	0.0	0.1	2.8	11.0	24.6	32.4	24.3	4.8		skid #13							.664	
SKID #16	.10	8/9																		
SKID #19	.17	9/10																		
SKID #22																				
SKID #25																				
SKID #28																				
SKID #31																				
SKID #34																				
SKID #37																				

Skids 1-5 relate to P.S. Dist on #1 } obvious difference
6-19 - P.S. dist on #13 } in appearance
produce in Rx 745
w/new agitator blades

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CERTIFICATE OF ANALYSIS

Date: July 17, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

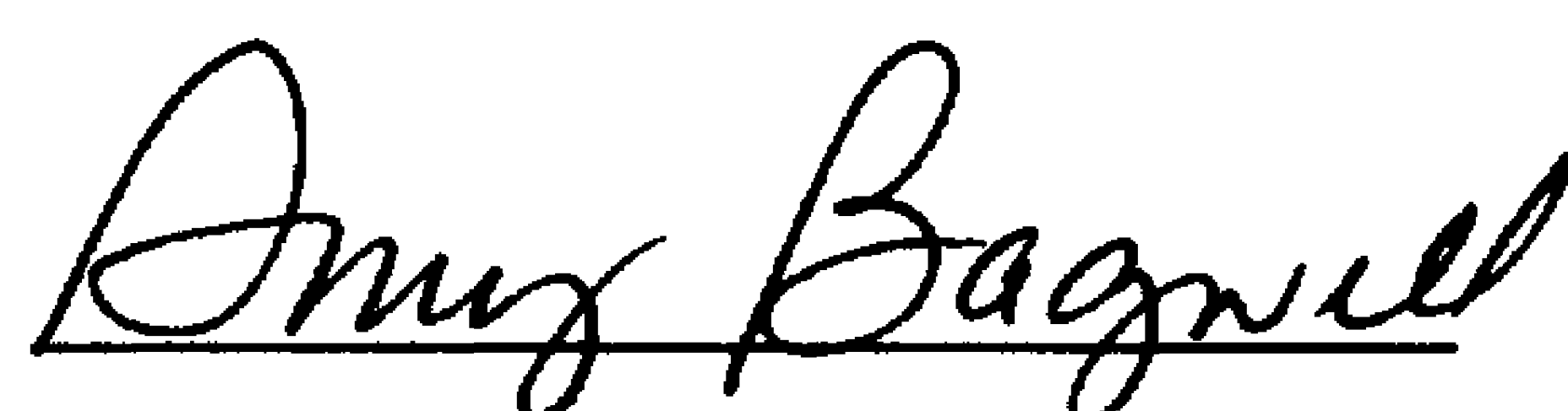
Railcar No: VIPX 45875

Attention: L. G. Haefner

Order No.: 0013479-000

Ship Date: July 14, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.24
Bulk Density	ABR-2A	0.506
Brabender Dry Time, Mins	ABR-7	4.8
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		5.2
Pan		1.9
Residual VCM, PPM	ABGC-26	0.012
Inherent Viscosity	ABR-10	1.02



Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

A

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 7-13-92

Product: 5415

Car No.: 45875

Time Logged In: 1830

Logged In By: MY

Silo(s): 690, 691

Ship Date: 7/14/92

Order No: ~~13472~~

Customer: ~~Export~~ / Premium

No Metal

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	<u>.24</u>		<u>.18</u>		<u>.13</u>		<u>.24</u>	
Contamination	BL <u>17</u>	<u>10</u>	BL <u>14</u>	<u>10</u>	BL <u>12</u>	<u>9</u>	BL <u>7</u>	<u>6</u>
	BR <u>17</u>	<u>10</u>	BR <u>19</u>	<u>10</u>	BR <u>10</u>	<u>7</u>	BR <u>18</u>	<u>9</u>
Bulk Density	<u>.508</u>		<u>.502</u>		<u>.512</u>		<u>.502</u>	
Hard Particle	5 <u>2</u>		5					
	7 <u>135</u>		7					
Viscosity	<u>1.019</u>							
RVCM	<u>.012</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>2.18</u>	<u>21.60</u>	<u>12.40</u>	<u>6.92</u>	<u>3.57</u>	<u>2.60</u>	<u>0.96</u>
%	<u>0.0</u>	<u>4.4</u>	<u>43.2</u>	<u>24.8</u>	<u>13.5</u>	<u>7.0</u>	<u>5.2</u>	<u>1.9</u>

Drytime: 4.8

Static Flow: 0.94

Avg. Microns: 179.5

Color L: 100.86 a 0.00 b 1.26

METS: 9789 / 121.1 %

Technician: DT+HDL

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Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 7/10/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04989

Attention: L. G. Haefner

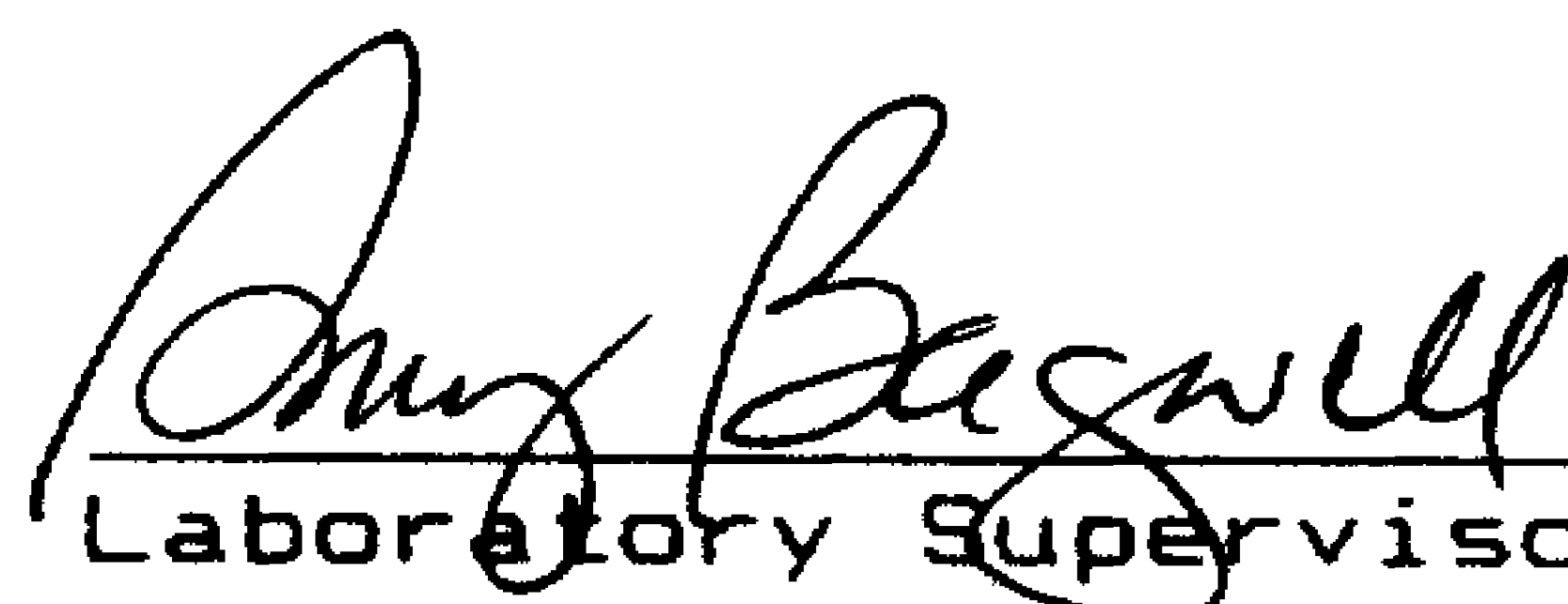
Order No.: 0012442-000

Ship Date: 7/8/92

Trailer No.: T-5879

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.25</u>		
Bulk Density, gm/cc	ABR-2A	<u>.516</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>5.6</u>	<u>2.2</u>
Average Microns		<u>148</u>		
Residual VCM, ppm	ABGC-26	<u>.073</u>		
Inherent Viscosity	ABR-10	<u>.80</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>25.4</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESI. BAG BLEND

BLEND NO: 04989

PRODUCT: 5325

DATE: 7-3-92

TIME/TESTED BY: 1930/2557/114

AVG. MICRONS, 5225/5325/5415: 148.4

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			X GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37		—	0.00	0.15	7.70	13.93	16.27	7.93	2.80	1.12	50	—	0	99.67	0.30	1.71	75.4	70	.073
SKID #1	.21	1/3	0.0	0.3	15.4	27.9	32.7	15.9	5.6	2.2	516	13.4	7.8					.804	
SKID #4	.23	1/2																	
SKID #7	.20	3/1																	
SKID #10	.23	1/4																	
SKID #13	.23	3/2																.801	
SKID #16	.23	2/2																	
SKID #19	.23	1																	
SKID #22	.23	+																	
SKID #24	.25	1/4																.803	
SKID #28	.18	2/3																	
SKID #31	.18	1/3																	
SKID #34	.18	3/4																	
SKID #37	.25	2/1																.802	

Vista Polymers
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A

CERTIFICATE OF ANALYSIS

Date: 7/10/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04989

Attention: L. G. Haefner

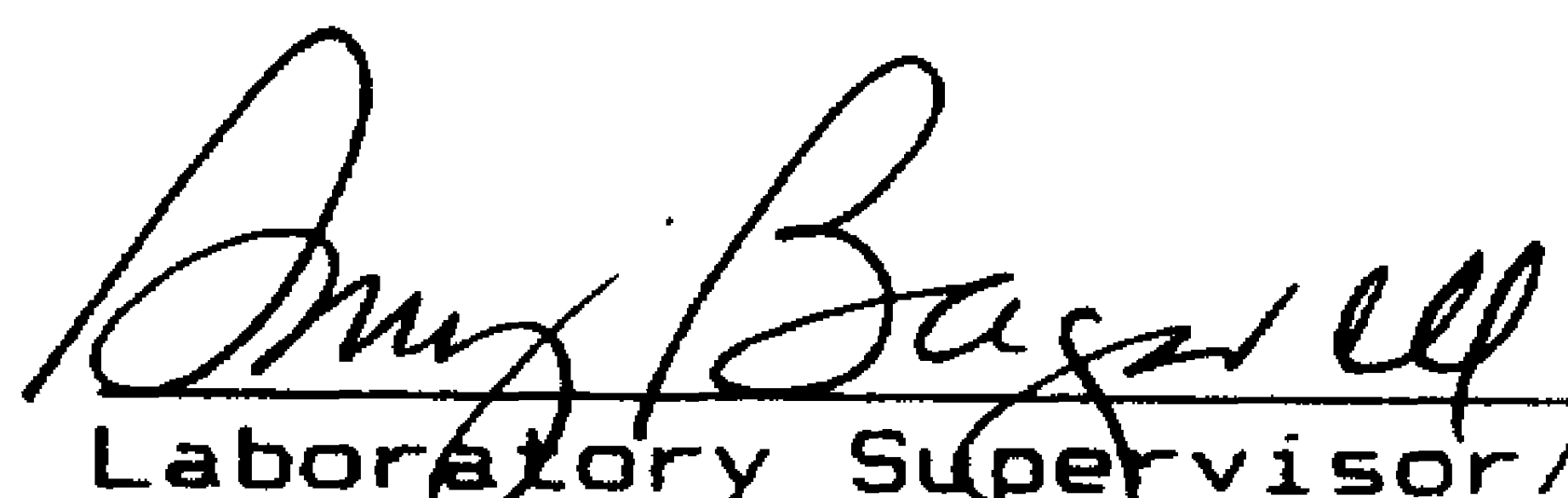
Order No.: 0012442-001

Ship Date: 7/9/92

Trailer No.: T-8588

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.25</u>		
Bulk Density, gm/cc	ABR-2A	<u>.516</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>5.6</u>	<u>2.2</u>
Average Microns		<u>148</u>		
Residual VCM, ppm	ABGC-26	<u>.073</u>		
Inherent Viscosity	ABR-10	<u>.80</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>25.4</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESI. BAG BLEND

BLEND NO: 04989

PRODUCT: 5325

DATE: 7-3-92

TIME/TESTED BY: 1930/2577/114

Avg. Microns, 5225/5325/5415:

148.4

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS H/P	5/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37		—	0.00	0.15	7.70	13.93	16.27	7.93	2.80	1.12		50	—	0	99.67	0.30	1.71	75.4		.073
			0.0	0.3	15.4	27.9	32.7	15.9	5.6	2.2	.516	13.4		7.8						
SKID #1	.21	1/3																		.804
SKID #4	.23	1/2																		
SKID #7	.20	3/4																		
SKID #10	.23	1/4																		
SKID #13	.23	3/2																		
SKID #16	.23	2																		.801
SKID #19	.23	1																		
SKID #22	.23	1																		
SKID #24	.25	1/4																		.803
SKID #28	.18	2/3																		
SKID #31	.18	1/3																		
SKID #34	.18	3/4																		
SKID #37	.25	2/1																		.802

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CERTIFICATE OF ANALYSIS

Date: 7/8/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 0013283-001

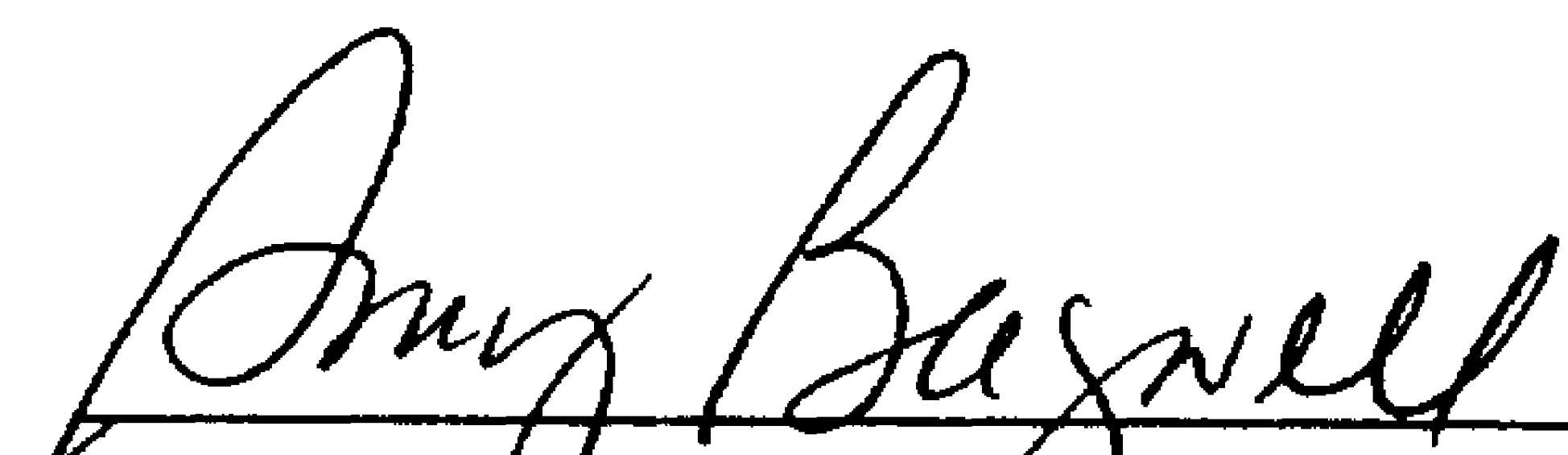
Ship Date: 7/8/92

Trailer No.: T-382

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.511</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.0</u>	<u>2.5</u>
Residual VCM, ppm	ABGC-26	<u>.034</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 7-8-92 Product 5305 Trailer Number T-382
 Customer Premiere Silo 683+684 Time 1000-1035
 Technician DTMPL Order No. 0013283-001

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.10</u>		1. <u>8/3</u>		1. <u>—</u>	1. <u>.511</u>	1. <u>—</u>	L = <u>99.63</u>		
	2.		2.		2.	2.	2.	A = <u>0.64</u>		
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		

0.2
No Metal

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>0.20</u>	<u>6.56</u>	<u>11.90</u>	<u>15.75</u>	<u>10.00</u>	<u>4.48</u>	<u>1.23</u>	
% on Mesh	<u>0.0</u>	<u>0.4</u>	<u>13.1</u>	<u>23.8</u>	<u>31.2</u>	<u>20.0</u>	<u>9.0</u>	<u>2.5</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 7/7/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04982

Attention: L. G. Haefner

Order No.: 0012585-000

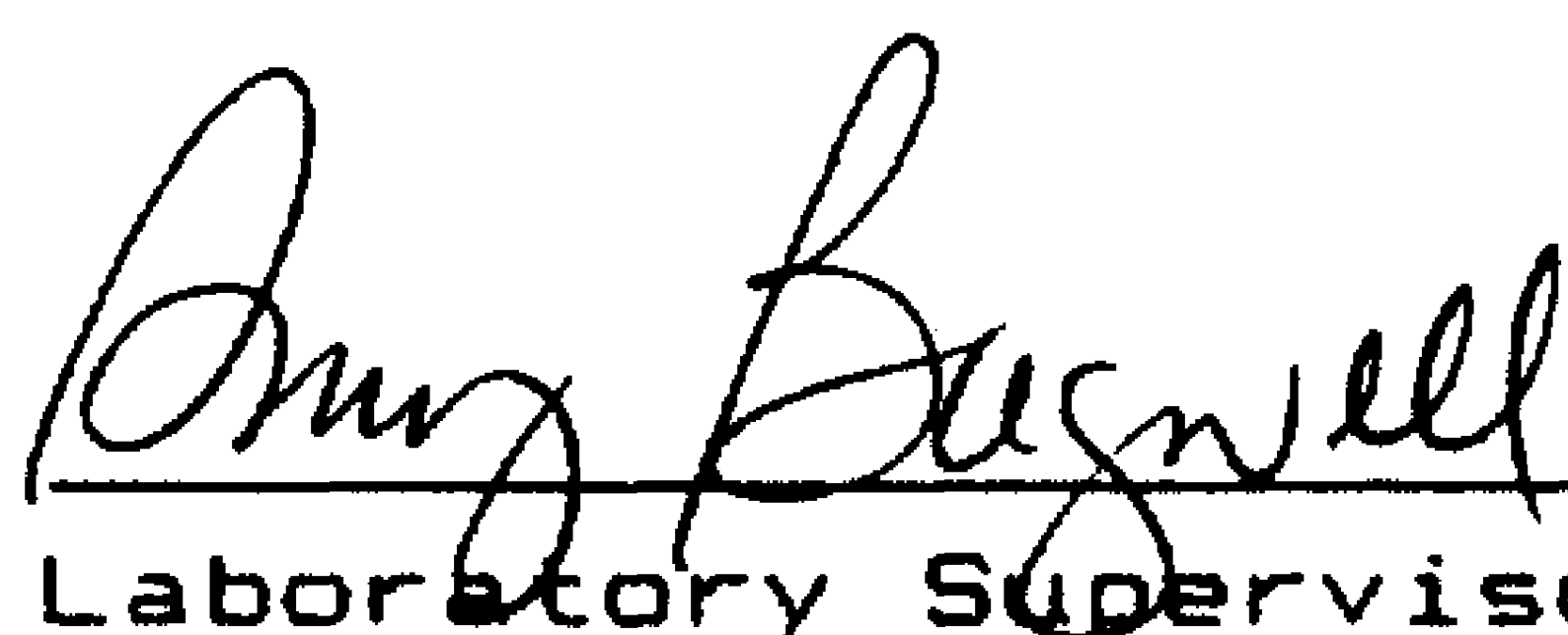
Ship Date: 7/1/92

Trailer No.: T-7275

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.12</u>		
Bulk Density, gm/cc	ABR-2A	<u>.541</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>13.2</u>	<u>3.2</u>
Residual VCM, ppm	ABGC-26	<u>.044</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04982

PRODUCT: 5305

DATE: 6-21-92

TIME/TESTED BY: 1160/RJ

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVM
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.0	0.20	5.28	10.73	14.69	10.75	6.61	1.61				0						
			0.0	4	10.6	21.5	29.6	21.5	13.2	3.2	541	-	-	8.5	99.90	0.56	1.66	<1%		.044
SKID #1	.05	4/5																	.721	
SKID #4	.04	3/4																		
SKID #7	.06	1/5																		
SKID #10	.07	3/8																		
SKID #13	.12	2/5																	.727	
SKID #16	.09	4/6																		
SKID #19	.07	3/5																		
SKID #22	.08	1/7																		
SKID #25	.07	2/8																	.724	
SKID #28	.06	3/5																		
SKID #31	.08	2/7																		
SKID #34	.07	3/4																		
SKID #37	.09	2/5																	.722	

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Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 7/7/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04975

Attention: L. G. Haefner

Order No.: 0011293-000

Ship Date: 7/2/92

Trailer No.: T-28012

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.21</u>		
Bulk Density, gm/cc	ABR-2A	<u>.510</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.8</u>	<u>1.8</u>
Average Microns		<u>148</u>		
Residual VCM, ppm	ABGC-26	<u>.077</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>27.3</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Laboratory Supervisor/Lead

RESIN BAG BLND

BLEND NO: 04975 PRODUCT: 5325 DATE: 6-3-92 TIME/TESTED BY: 1930 JPS CO

AVG. MICRONS, 5225/5325/5415: 148.1

SEID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/T MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCN								
			PARTICLE SIZE DISTRIBUTION																									
			40	60	80	100	120	140	200	PAN																		
COMP. SAMPLES			0.0	.10	6.95	14.48	17.19	8.02	2.38	.90	39 8							078.099.95	0.42	1.67	27.3	<1%				.077		
NO. 1	.19	2/5																										.807
NO. 4	.19	3/5																										.807
NO. 7	.21	2/9																										
NO. 10	.19	4/7																										
NO. 13	.20	4/10																										
NO. 16																												
NO. 19																												

31,500#

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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 7/7/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04951

Attention: L. G. Haefner

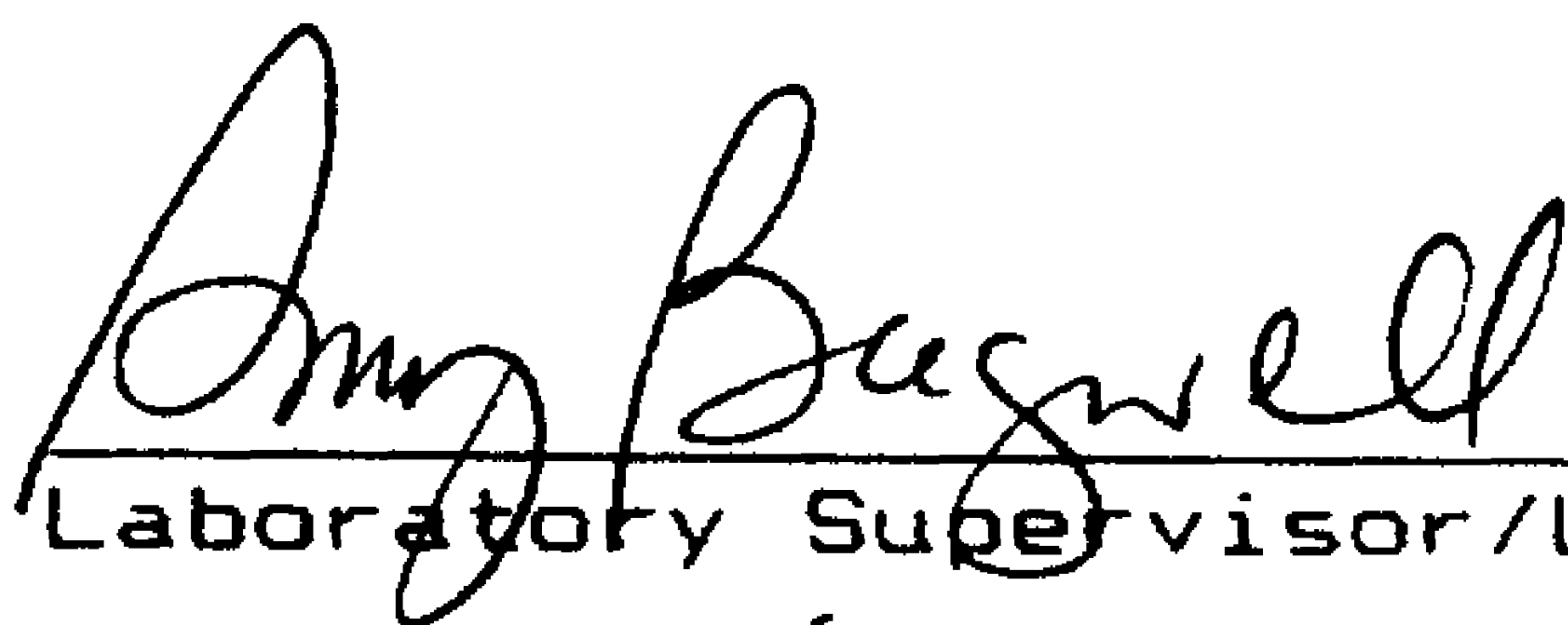
Order No.: 0011293-200

Ship Date: 7/2/92

Trailer No.: T-28012

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.12</u>		
Bulk Density, gm/cc	ABR-2A	<u>.492</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>3.0</u>	<u>1.5</u>
Average Microns		<u>158</u>		
Residual VCM, ppm	ABGC-26	<u>.012</u>		
Inherent Viscosity	ABR-10	<u>.79</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>24.4</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG LEND

BLEND NO: 04951 PRODUCT: 5325 DATE: 5-5-92 TIME/TESTED BY: 2330/2048

AVG. MICRONS, 5225/5225/5415: 158.1

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/9 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
COMP. SAMPLES			0.00	0.48	10.41	16.36	15.00	5.71	1.51	0.75										
			0.0	1.0	20.8	32.7	29.6	11.4	3.0	1.5	.492			0/129	100.05	0.68	1.41	24.4		.012
NO. 1	.12	2/3		3.35	44.51	53.50	40.55	13.11	2.7	.56										
NO. 4	.10	2/2																		
NO. 7																				
NO. 10																				
NO. 13																				
NO. 16																				
NO. 19																				

CERTIFICATE OF ANALYSIS

Date: 7-6-92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 0013283-000

Ship Date: 7-6-92

Trailer No.: T-382

VISTA

Property	Test Method	Analysis		
Moisture, %	ABR-1A	.02		
Bulk Density, gm/cc	ABR-2A	.511		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		0.0	7.9	2.4
Residual VCM, ppm	ABGC-26	.052		
Inherent Viscosity	ABR-10	.73		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

M. J. Tallie
Laboratory Supervisor/Lead

Net Wt. _____
% on Mesh _____

Remarks _____

PVC BULK TRAILER ANALYSIS

Date 7-6-92 Product 5305 Trailer Number T-382
Customer Premiere Silo 683 Time 1850
Technician MIT Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>0.02</u>		1. <u>6</u>		1. <u>-</u>	1. <u>.511</u>	1. <u>-</u>	L = <u>99.63</u>	<u>0/8.9</u>	
	2. <u>18</u>		2. <u>18</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>0.62</u>		
MIDDLE	1. <u>-</u>		1. <u>-</u>		1. <u>-</u>	1. <u>-</u>	1. <u>-</u>	L = <u>-</u>		
	2. <u>-</u>		2. <u>-</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>-</u>		
END	1. <u>-</u>		1. <u>-</u>		1. <u>-</u>	1. <u>-</u>	1. <u>-</u>	L = <u>-</u>		
	2. <u>-</u>		2. <u>-</u>		2. <u>-</u>	2. <u>-</u>	2. <u>-</u>	A = <u>-</u>		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare <u>P</u>									
Net Wt.	<u>0.0</u>	<u>.21</u>	<u>6.83</u>	<u>12.43</u>	<u>15.75</u>	<u>9.66</u>	<u>3.93</u>	<u>1.19</u>	
% on Mesh	<u>0.0</u>	<u>.4</u>	<u>13.7</u>	<u>24.9</u>	<u>31.4</u>	<u>19.3</u>	<u>7.9</u>	<u>2.4</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

CERTIFICATE OF ANALYSIS

Date: 7/1/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 0012788-000

Ship Date: 7/1/92

Trailer No.: T-377

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>.524</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>7.0</u>	<u>3.1</u>
Residual VCM, ppm	ABGC-26	<u>.041</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Remarks

PVC BULK TRAILER ANALYSIS

Date 7-1-92 Product 5305 Trailer Number T-377
 Customer Premiere Silo 684 Time 1440
 Technician MS Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.14</u>		1. <u>3/5</u>		1. <u>—</u>	1. <u>.524</u>	1. <u>—</u>	L = <u>99.67</u>	<u>Flow</u> <u>of</u> <u>7.5</u>	
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>.53</u>		
MIDDLE	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		
END	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare <u>p</u>									
Net Wt.	<u>0.00</u>	<u>.16</u>	<u>7.40</u>	<u>13.30</u>	<u>15.63</u>	<u>8.58</u>	<u>3.52</u>	<u>1.55</u>	
% on Mesh	<u>0.0</u>	<u>.3</u>	<u>14.8</u>	<u>24.6</u>	<u>31.0</u>	<u>17.2</u>	<u>7.0</u>	<u>3.1</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: June 29, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

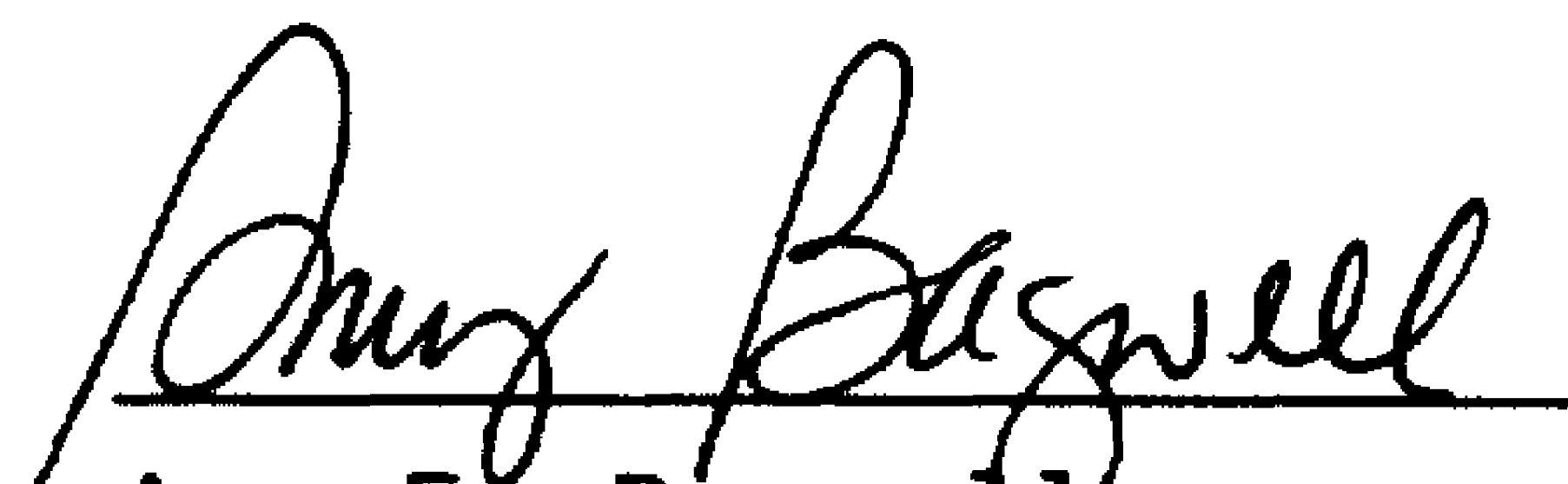
Railcar No.: PLCX 43753

Ship Date: June 26, 1992

Order No.: 0011491-002

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.14
Inherent Viscosity	ABR-10	0.50
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		4.9
Pan		1.9
Residual VCM, PPM	ABGC-26	0.351

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 6-9-92Product: 5225Car No.: 43753Time Logged In: 0715Logged In By: MTSilo(s): 680Ship Date: 6/26Order No: 0011491-002Customer: Premier

no metal 1745 1745

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.14		.13		.10		.03	
Contamination	BL		10		5		6	
	BR	4	5		18		14	
Bulk Density	584		579		578		574	
BD w/antistat								
Viscosity	.504		.502		.500		.499	
RVCM	.285		.351		.056		.119	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>00</u>	<u>1.08</u>	<u>13.96</u>	<u>14.58</u>	<u>11.24</u>	<u>5.46</u>	<u>2.43</u>	<u>.96</u>
% P	<u>00</u>	<u>2.2</u>	<u>27.9</u>	<u>29.2</u>	<u>23.0</u>	<u>10.9</u>	<u>4.9</u>	<u>1.9</u>

% Glassies: < 1% Avg. Microns: 163.8Color L: 95.60 a 1.98 b 2.77 Static Flow: 0.16.7Technician: MT & RH

PVC RAILCAR ANALYSIS

Load Date: 6-18-92 Product: 5225 Car No.: 43753
Time Logged In: Clean Out Logged In By: CE Silo(s): _____
Ship Date: _____ Order No: _____ Customer: _____

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture								
Contamination	BL		8					
	BR		13					
Bulk Density								
BD w/antistat								
Viscosity								
RVCM								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	_____	_____	_____	_____	_____	_____	_____	_____
%	_____	_____	_____	_____	_____	_____	_____	_____

% Glassies: _____ Avg. Microns: _____

Color L: _____ a _____ b _____ Static Flow: ____/____

Technician: _____

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 6/26/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04974

Attention: L. G. Haefner

Order No.: 001244-1-001

Ship Date: 6/25/92

Trailer No.: T484020

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.22</u>		
Bulk Density, gm/cc	ABR-2A	<u>.508</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.00</u>	<u>8.3</u>	<u>2.1</u>
Average Microns		<u>142</u>		
Residual VCM, ppm	ABGC-26	<u>.088</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>27.8</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLND

BLEND NO: 04974 PRODUCT: 5325 DATE: 6-3-92 TIME/TESTED BY: 1045/HA+TE

Avg. Microns, 5225/5325/5415: 142

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			PARTICLE SIZE DISTRIBUTION											L	A	B			
			40	60	80	100	120	140	200	PAN									
COMP. SAMPLES	—	—	0.00	0.07	5.65	12.43	16.51	10.03	4.17	1.06	.508 g/HA	—	0	100.5	0.41	1.64	27.8	212	.088
NO. 1	.16	3/4																	.814
NO. 4	.110	2/5																	.812
NO. 7	.111	3/4																	
NO. 10	.22	2/4																	
NO. 13	.12	3/5																	
NO. 16	.110	2/4																	
NO. 19	.12	3/2																	

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Vista Chemical Company

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Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 6/16/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 00/2433-000

Ship Date: 6/16/92

Trailer No.: T-379

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.12</u>		
Bulk Density, gm/cc	ABR-2A	<u>,530</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.7</u>	<u>2.2</u>
Residual VCM, ppm	ABGC-26	<u>.263</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

H. Anthony
Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 6-16-92 Product 5305 Trailer Number T-379
 Customer Premiere Silo 687 Time 1140
 Technician M. J. & H. A. Order No. 00/2433-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.12</u>		1. <u>.18</u>		1. <u>—</u>	1. <u>.530</u>	1. <u>—</u>	L = <u>100.08</u>	<u>Flow</u> <u>of</u> <u>7.6</u> <u>.263</u>	
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.52</u>		
MIDDLE	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
END	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>.28</u>	<u>8.17</u>	<u>14.13</u>	<u>15.04</u>	<u>8.14</u>	<u>3.33</u>	<u>1.08</u>	
% on Mesh	<u>0.0</u>	<u>.6</u>	<u>16.3</u>	<u>28.3</u>	<u>29.6</u>	<u>16.3</u>	<u>6.7</u>	<u>2.2</u>	

Screen Analysis Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: June 24, 1992

Product: 5225

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

VISTA

Attention: L. G. Haefner

Railcar No.: ACFX 41147

Ship Date: June 22, 1992

Order No.: 0011491-001

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.11
Inherent Viscosity	ABR-10	0.51
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		9.0
Pan		3.8
Residual VCM, PPM	ABGC-26	.226

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


H. D. Lucas
Laboratory Supervisor

PVC RAILCAR ANALYSIS

ACFX

Load Date: 6-7-92Product: 5225Car No.: 41147Time Logged In: 1400Logged In By: M.TSilo(s): 680Ship Date: 6/22/92Order No: 0011491-001Customer: PREMIEREEVANSVILLE INno metal

Compartment	<u>A</u> <u>MT</u>		<u>CA</u> <u>MT</u>		<u>CB</u> <u>MT</u>		<u>B</u> <u>MT</u>	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	<u>.11</u>		<u>.07</u>		<u>.09</u>		<u>.10</u>	
Contamination	BL	<u>9</u>		<u>33</u>		<u>19</u>		<u>14</u>
	BR	<u>18</u>				<u>41</u>		<u>52</u>
Bulk Density	<u>.570</u>		<u>.567</u>		<u>.572</u>		<u>.569</u>	
BD w/antistat								
Viscosity	<u>.506</u>		<u>.502</u>		<u>.500</u>		<u>.501</u>	
RVCM	<u>.226</u>		<u>.151</u>		<u>.110</u>		<u>.122</u>	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.60</u>	<u>9.55</u>	<u>12.30</u>	<u>12.72</u>	<u>8.35</u>	<u>4.50</u>	<u>1.92</u>
%	<u>0.0</u>	<u>1.2</u>	<u>19.1</u>	<u>24.6</u>	<u>25.6</u>	<u>16.7</u>	<u>9.0</u>	<u>3.8</u>

% Glassies: 41.70 Avg. Microns: 148.8Color L: 97.11 a 1.57 b 2.18 Static Flow: 0 / 7.2Technician: M.M.M.B

PVC RAILCAR ANALYSIS

Load Date: 6-18-92 Product: 5225 Car No.: 41147
Time Logged In: Cleanout Logged In By: ES Silo(s): _____
Ship Date: _____ Order No: _____ Customer: _____

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture								
Contamination	BL		4					
	BR		13					
Bulk Density								
BD w/antistat								
Viscosity								
RVCM								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	_____	_____	_____	_____	_____	_____	_____	_____
%	_____	_____	_____	_____	_____	_____	_____	_____

% Glassies: _____ Avg. Microns: _____

Color L: _____ a _____ b _____ Static Flow: ____/____

Technician: _____

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CERTIFICATE OF ANALYSIS

Date: June 24, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

Railcar No: ACFX 53140

Attention: L. G. Haefner

Order No.: 0012535-000

Ship Date: June 22, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.15
Bulk Density	ABR-2A	0.509
Brabender Dry Time, Mins	ABR-7	4.9
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		6.1
Pan		1.7
Residual VCM, PPM	ABGC-26	0.009
Inherent Viscosity	ABR-10	1.00


H. D. Lucas
Laboratory Supervisor

(601) 369-3624

VISTA

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 6-18-92 Product: 5415 Car No.: 53140 *ACFX*Time Logged In: 1600 Logged In By: M.T Silo(s): 690-691Ship Date: 6/22/92 Order No: 0012535-000 Customer: ~~STP~~ Premier

No metal

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.14		.15		.12		.13	
Contamination	BL	<u>3</u>	<u>4</u>	<u>7</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>3</u>
	BR	<u>5</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>7</u>	<u>5</u>	<u>6</u>
Bulk Density	.511		.510		.509		.506	
Hard Particle	5	<u>2</u>						
	7	<u>1.55</u>						
Viscosity	.996							
RVCM	.009							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>.27</u>	<u>11.49</u>	<u>17.49</u>	<u>11.31</u>	<u>4.91</u>	<u>3.04</u>	<u>.85</u>
% P	<u>20</u>	<u>.5</u>	<u>23.0</u>	<u>35.0</u>	<u>23.9</u>	<u>9.8</u>	<u>6.1</u>	<u>1.7</u>

Drytime: 4.9 Static Flow: 0.185 Avg. Microns: 158.1Color L: 101.48 a 0.02 b 1.37METS: 9457, 119.4 %Technician: M.T + R.H

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Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: June 23, 1992

Product: 5225

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

VISTA

Attention: L. G. Haefner

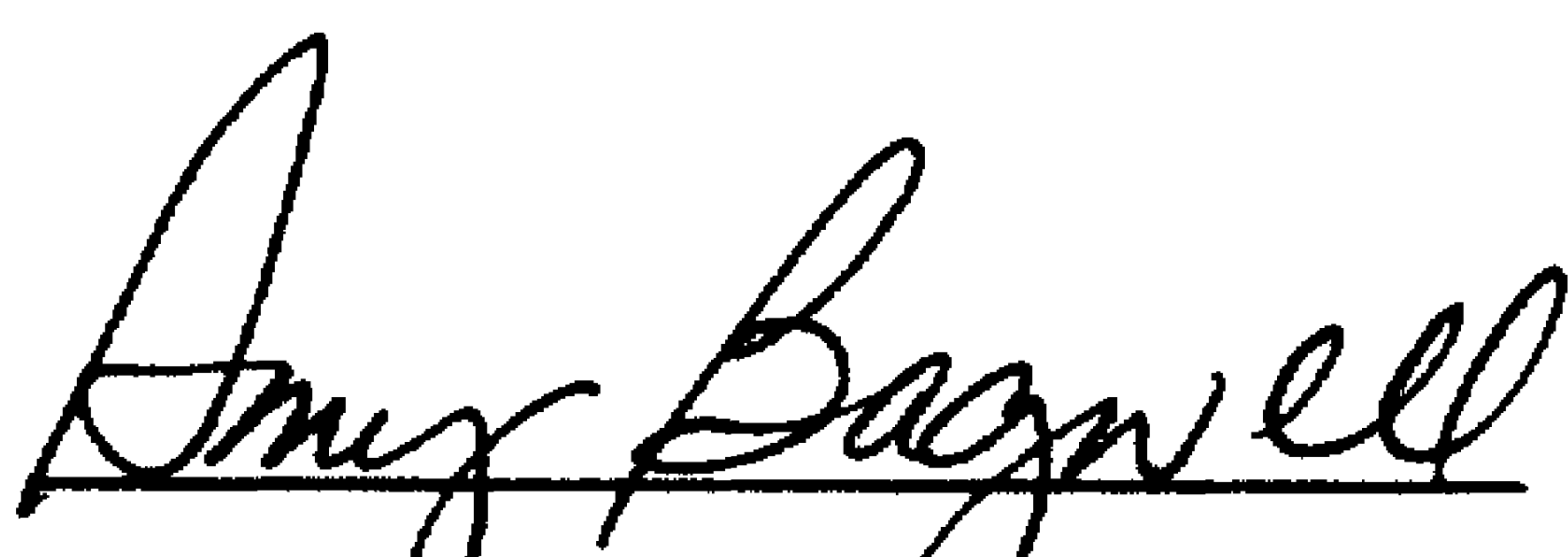
Railcar No.: UTCX 46455

Ship Date: June 18, 1992

Order No.: 0011491-000

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.15
Inherent Viscosity	ABR-10	0.50
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		6.4
Pan		2.3
Residual VCM, PPM	ABGC-26	2.563

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 6/5/92 Product: 5225 Car No.: 46455
 Time Logged In: 0530 Logged In By: HA Silo(s): 680
 Ship Date: 6/18/92 Order No: 11491-000 Customer: Premier

no mtd

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.10		.13		.15		.15	
Contamination	BL		3		5		4	
	BR	5	8		3		2	
Bulk Density	.575		.576		.574		.577	
BD w/antistat								
Viscosity	.502		.499		.501		.500	
RVCM	2.563		.763		2.013		2.362	

HP - $\frac{50}{20 \text{ cm.}}$

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.32</u>	<u>9.81</u>	<u>14.19</u>	<u>13.90</u>	<u>7.53</u>	<u>3.22</u>	<u>1.14</u>
%	<u>0.0</u>	<u>.6</u>	<u>19.6</u>	<u>28.4</u>	<u>27.6</u>	<u>15.1</u>	<u>6.4</u>	<u>2.3</u>

% Glassies: <1% Avg. Microns: 152.0

Color L: 96.83 a 1.43 b 2.32 Static Flow: 0 / 7.3

Technician: MKXCO

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 6/22/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04980

Attention: L. G. Haefner

Order No.: 0012548-000

Ship Date: 6/18/92

Trailer No.: T-5784

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.19</u>		
Bulk Density, gm/cc	ABR-2A	<u>.536</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>18.8</u>	<u>4.9</u>
Residual VCM, ppm	ABGC-26	<u>.046</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Amy Bagwell
Laboratory Supervisor/Lead

CERTIFICATE OF ANALYSIS

Date: 6/22/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5465

Lot No.: 04978

VISTA

Attention: L. G. Haefner

Order No.: 0012126-000

Ship Date: 6/17/92

Trailer No.: T-6902

Property	Test Method	Analysis		
Moisture, %	ABR-1A	.23		
Hard Particles @ 7 min.	ABR-12	1		
Bulk Density, gm/cc	ABR-2B	.515		
Barbender Dry Time, min.	ABR-07	5.0		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		0.0	5.7	1.9
Residual VCM, ppm	ABGC-26	.026		
Inherent Viscosity	ABR-10	1.11		

Amy Bagwell
Laboratory Supervisor/Lead

BLEND NO: 04978
PRODUCT: 5465

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION					AVG. MICR
			40	60	80	100	120	
CON- POSITE OF 1, 13, RESULTS 25 & 37	0.00		0.0	0.15	11.15	18.53	11.88	4
SKID #1	21	3/9	0.0	3	22.3	32.1	23.7	2
SKID #4	19	4/8						
SKID #7	18	2/6						
SKID #10	15	3/5						
SKID #13	20	2/14						
SKID #16	17	1/7						
SKID #19	15	3/5						
SKID #22	18	2/7						
SKID #25	23	3/10						
SKID #28	15	4/5						
SKID #31	18	2/8						
SKID #34	19	3/4						
SKID #37	22	5/9						

BLEND NO: 04980

SKID NO.	% MOIST	BLACK/BROWN CONT.	40
CON- POSITE OF 1, 13, RESULTS 25 & 37	0.00		0.00
SKID #1	16	3/13	
SKID #4	14	2/5	
SKID #7	14	3/6	
SKID #10	13	4/9	
SKID #13	15	2/9	
SKID #16	19	5/11	
SKID #19	11	4/13	
SKID #22	15	2/14	
SKID #25	12	4/15	
SKID #28	14	4/11	
SKID #31	16	3/12	
SKID #34	12	4/14	
SKID #37			

RESIN BAG BLEND

BLEND NO: 04978 PRODUCT: 5465 DATE: 6-11-92 TIME/TESTED BY: 2400/R31

Avg. Microns, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.0	0.15	11.15	18.53	11.88	4.51	2.85	0.93		8.75	5.0	8.0	101.8	0.12	1.19			.026
SKID #1	21	3/9	6.0	.3	22.3	37.1	23.7	9.0	5.7	1.9										
SKID #4	19	4/8																		
SKID #7	18	2/6																		
SKID #10	15	3/5																		
SKID #13	20	2/14																		
SKID #16	17	1/7																		
SKID #19	15	3/5																		
SKID #22	18	2/7																		
SKID #25	23	3/10																		
SKID #28	15	4/5																		
SKID #31	18	2/8																		
SKID #34	19	3/6																		
SKID #37	22	5/9																		

from 46500

RESIN BAG BLEND

BLEND NO: 04980

PRODUCT: 5305

DATE: 6-16-92

TIME/TESTED BY: CES

Avg. Microns, 5225/5325/5413:

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION							S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN			L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	.08	2.68	8.13	14.20	13.20	9.40	2.43								
SKID #1	.16	3/13	0.0	.2	5.4	16.3	28.0	26.4	18.8	4.9	54/50	0/86	100.25	.20	1.36	L/19	.730	046
SKID #4	.14	2/3																
SKID #7	.14	3/16																
SKID #10	.13	4/7																
SKID #13	.15	2/9															.724	
SKID #16	.19	5/11																
SKID #19	.11	4/13																
SKID #22	.15	2/16																
SKID #25	.12	4/15															.724	
SKID #28	.14	6/11																
SKID #31	.16	3/12																
SKID #34	.12	4/14																
SKID #37																		

76,500

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: 6/22/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04973

Attention: L. G. Haefner

Order No.: 0012441-000

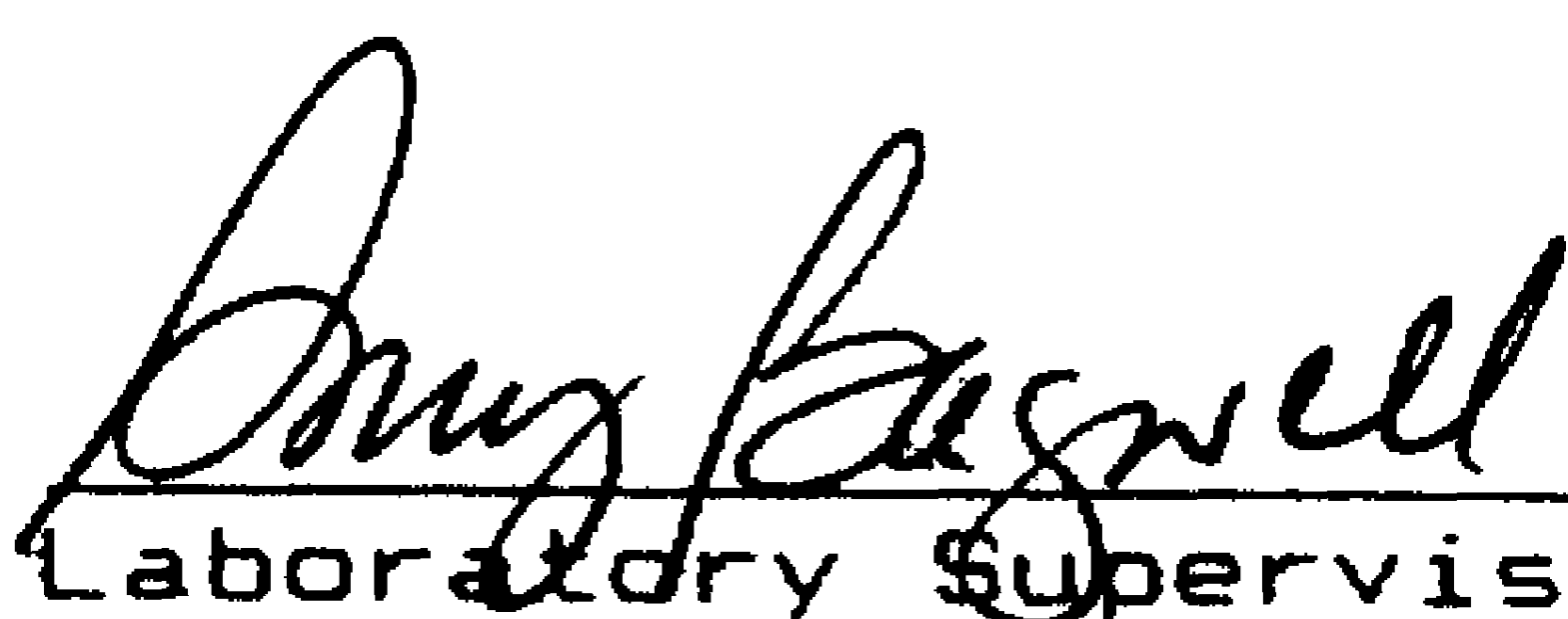
Ship Date: 6/21/92

Trailer No.: T-6708

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.16</u>		
Bulk Density, gm/cc	ABR-2A	<u>.506</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>7.2</u>	<u>1.8</u>
Average Microns		<u>145</u>		
Residual VCM, ppm	ABGC-26	<u>.099</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>26.6</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG B ND

BLEND NO: 04973 PRODUCT: 5325 DATE: 6-2-92 TIME/TESTED BY: G4JS

AVG. Microns, 5225/5325/5415: 144.6

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
COMP. SAMPLES			0.00	.15	6.18	13.11	16.73	9.45	3.58	.92										
			0.0	.3	12.4	26.2	33.2	18.9	7.2	1.8	.508	-	-	0/7.9	100.16	.39	1.56	26.6	<1%	.099
NO. 1	.10	2/7																		.810
NO. 4	.13	3/5																		.809
NO. 7	.14	4/7																		
NO. 10	.16	2/8																		
NO. 13	.14	2/11																		
NO. 16	.12	4/8																		
NO. 19	.15	3/5																		

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A Division of
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Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: 6/22/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04961

Attention: L. G. Haefner

Order No.: 0012126-000

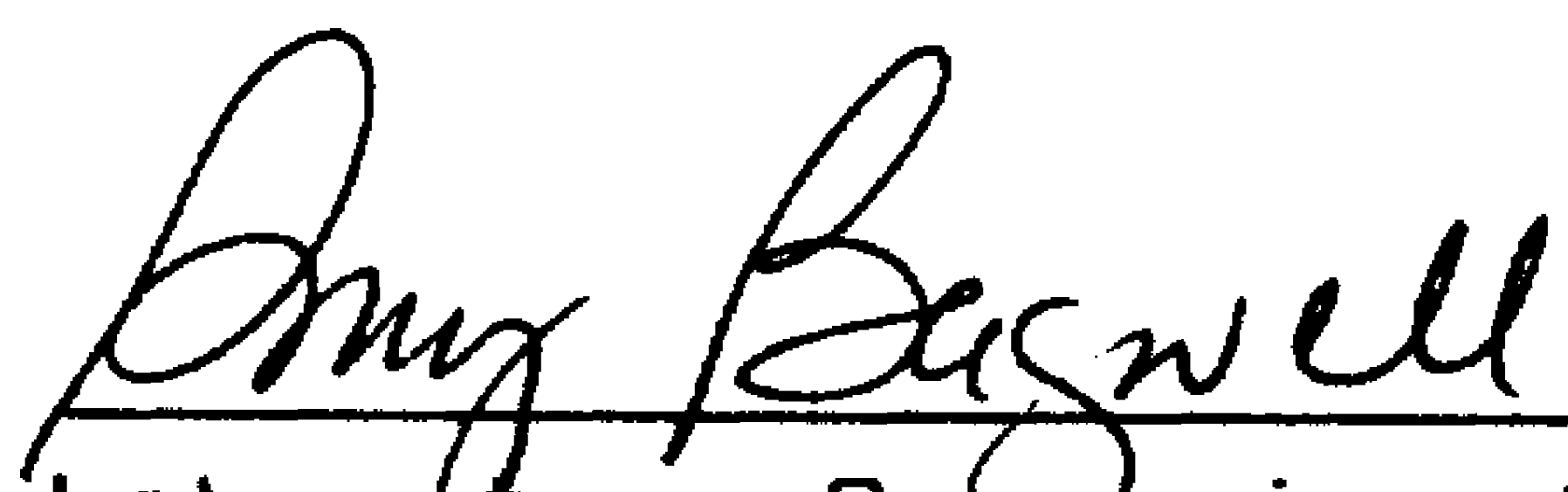
Ship Date: 6/17/92

Trailer No.: T-6902

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.15</u>		
Bulk Density, gm/cc	ABR-2A	<u>.538</u>		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		<u>0.0</u>	<u>6.5</u>	<u>2.3</u>
Residual VCM, ppm	ABGC-26	<u>.080</u>		
Inherent Viscosity	ABR-10	<u>.65</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG CEND

BLEND NO: 04961 PRODUCT: 5265 DATE: 5-14-92 TIME/TESTED BY: 07306VES

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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			40	60	80	100	120	140	200	PAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
COMP. SAMPLES			0.00	0.12	5.55	12.79	17.62	9.46	3.26	1.15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</

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Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 6/22/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04962

Attention: L. G. Haefner

Order No.: 0012436-000

Ship Date: 6/18/92

Trailer No.: T-7705

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>.539</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>3.9</u>	<u>2.3</u>
Residual VCM, ppm	ABGC-26	<u>.057</u>		
Inherent Viscosity	ABR-10	<u>.64</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG LEND

BLEND NO: 04962 PRODUCT: 5265 DATE: 5-14-92 TIME/TESTED BY: TE + MT

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN					L	A	B			
COMP. SAMPLES	—	—	0.0	44	943	15.96	15.29	5.70	1.93	1.17				0	99.6	0.97	2.09	—		.057
			0.0	0.9	18.9	31.9	30.7	11.4	3.9	2.3	.539	—	—	8.4				—		
NO. 1	.12	5/11																		
NO. 4	.11	4/9																	.643	
NO. 7	.09	3/10																	.648	
NO. 10	.11	4/11																		
NO. 13	.12	5/12																		
NO. 16	.14	3/16																		
NO. 19	.12	4/11																		

CERTIFICATE OF ANALYSIS

VISTA

Date: 6/22/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04917

Attention: L. G. Haefner

Order No.: 0012548-000

Ship Date: 6/18/92

Trailer No.: T-5784

Property	Test Method	Analysis		
Moisture, %	ABR-1A	.20		
Hard Particles @ 7 min.	ABR-12	3		
Bulk Density, gm/cc	ABR-2B	.515		
Barbender Dry Time, min.	ABR-07	4.9		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		0.0	9.6	2.3
Residual VCM, ppm	ABGC-26	.017		
Inherent Viscosity	ABR-10	.96		

Amy Bagwell
Laboratory Supervisor/Lead

Regulators or Bags
Page _____ of _____ pages

Blend Number	Time By	To	Sample No.	Mc
04917	2/15/92	R3	1	10
			4	1
			7	1
			10	1
			13	1
			16	1
			19	1

Vinyl Sample Log

Date 3-17-92
Product Type 5395

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution							HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Sample	Static Flow	L & N Values			CPA	Vis
					40	60	80	100	120	140	200	Pan					L	A	B		
04917	2.15 / 2.31	bags skid	1 / 10		0.0	0.4	6.99	15.97	13.33	7.56	4.79	1.16	5/3			0	20	50	80		
					0.0	.1	14.0	31.9	27.0	15.1	9.6	2.3					100.8	-0.89	1.57		
																	20	50	80		
			1 / 4	.16																	.96
			7 / 10	.17																	.96
			13	.16																	
			16	.17																	
			19	.20																	

RVEN-017

Meta 1R-9300

122.4%

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: June 19, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

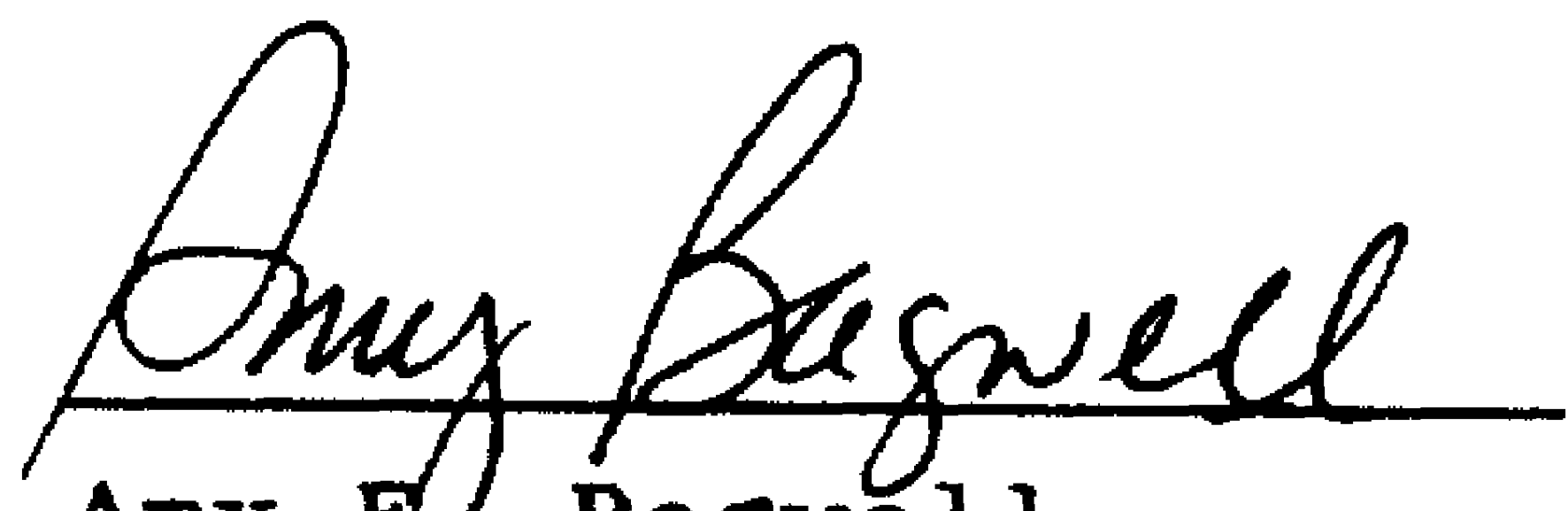
Railcar No.: UTCX 46465

Ship Date: June 15, 1992

Order No.: 0009535-004

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.30
Inherent Viscosity	ABR-10	0.49
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		11.1
Pan		3.6
Residual VCM, PPM	ABGC-26	1.952

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

VAB.0001202657

PVC RAILCAR ANALYSIS

Load Date: 6-4-92Product: 5225Car No.: 46465Time Logged In: 12:00Logged In By: M.T.Silo(s): 680,Ship Date: 6/15/92Order No: 0009535-004Customer: Premier

NO METAL

Compartment	<u>A</u>		<u>CA</u>		<u>CB</u>		<u>B+DL</u>	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	<u>.04</u>		<u>.30</u>		<u>.08</u>		<u>.09</u>	
Contamination	BL		11		9		7	
	BR	<u>13</u> <u>9</u>	<u>12</u>		<u>27</u>		<u>17</u>	
Bulk Density	<u>.572</u>		<u>.551</u>		<u>.569</u>		<u>.572</u>	
BD w/antistat								
Viscosity	<u>.492</u>		<u>.504</u>		<u>.499</u>		<u>.502</u>	
RVCM							<u>1.952</u>	

H.P. 50
50 mOB
 Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.06</u>	<u>6.59</u>	<u>11.80</u>	<u>14.05</u>	<u>10.11</u>	<u>5.53</u>	<u>1.82</u>
%	<u>0.0</u>	<u>0.1</u>	<u>13.2</u>	<u>23.6</u>	<u>28.2</u>	<u>20.2</u>	<u>11.1</u>	<u>3.6</u>

% Glassies: < 1% Avg. Microns: 140.2Color L: 97.52 a 1.31 b 2.13 Static Flow: 0/22Technician: HA JMB

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: June 19, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

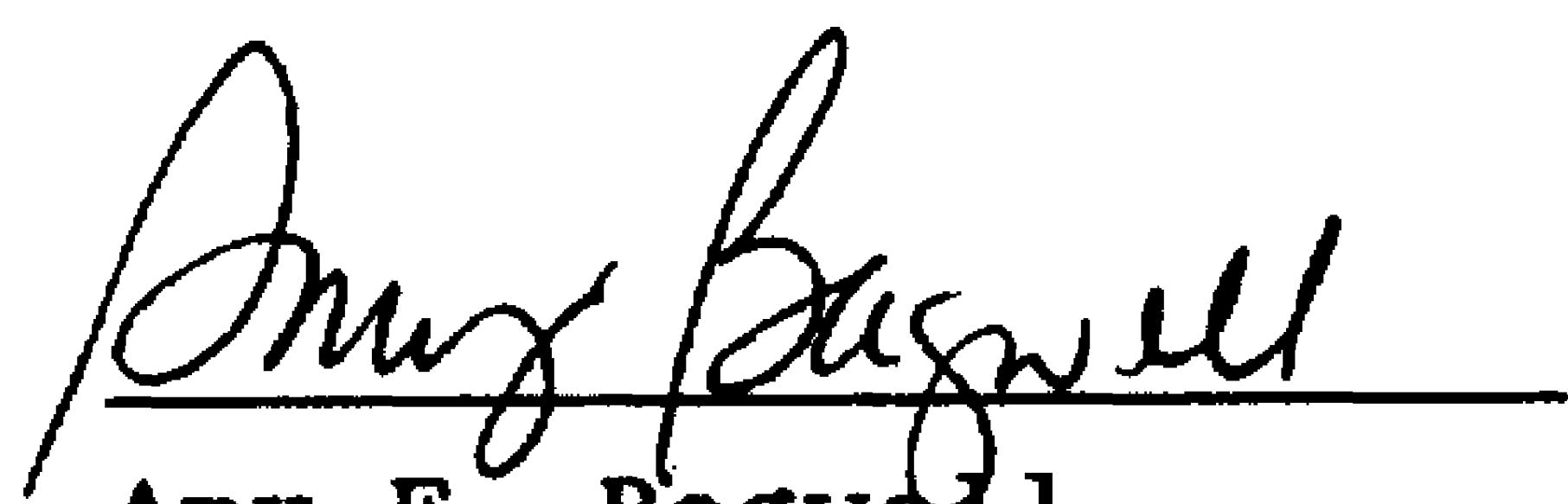
Railcar No: PTLX 42270

Attention: L. G. Haefner

Order No.: 0012220-000

Ship Date: June 15, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.12
Bulk Density	ABR-2A	0.505
Brabender Dry Time, Mins	ABR-7	4.8
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		4.2
Pan		1.4
Residual VCM, PPM	ABGC-26	0.023
Inherent Viscosity	ABR-10	1.02


Amy E. Bagwell
Laboratory Supervisor
(601) 369-3624

#22

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 6-11-92 Product: 5415 Car No.: 42270
 Time Logged In: 0100 Logged In By: M.T. Silo(s): 690
 Ship Date: 6/15/92 Order No: 0012220-000 Customer: ~~Essex/Blane~~ Premier

no metal

Compartment	A		CA		(CB) M.T.		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %						.11		
Contamination BL						3	2	
BR						6	9	
Bulk Density						.500		
Hard Particle 5						5		
7						26		
Viscosity						1.015		
RVCM						.026		

Screen Analysis

Mesh	40	60	80	100	120	140	200	Par
Weight	<u>0.00</u>	<u>2.08</u>	<u>20.39</u>	<u>14.03</u>	<u>7.47</u>	<u>3.29</u>	<u>1.96</u>	<u>.88</u>
%	<u>0.0</u>	<u>4.2</u>	<u>40.8</u>	<u>28.1</u>	<u>14.7</u>	<u>6.6</u>	<u>3.9</u>	<u>1.7</u>

Drytime: 5.0 Static Flow: 0 / 8.8 Avg. Microns: _____

Color L: 100.62 a .17 b 1.14

METS: 9018 / 118.7 %

Technician: Co + ES

VAB.0001202660

Vista Polymers

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Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 4-25-92 Product: 5415 Car No.: 42270
 Time Logged In: 0100 Logged In By: D.T. Silo(s): 690+691
 Ship Date: _____ Order No: _____ Customer: _____

no metal

Compartment	A		CA		CB ⁴⁻²⁸⁻⁹²		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.12		.05		.03	<u>62.10</u> 1000	.05	
Contamination ^{BL} _{BR}	<u>8</u> 12	<u>5</u> 8	<u>3</u> 9	<u>4</u> 8	<u>5</u> 12	<u>8</u> [redacted]	<u>6</u> 9	<u>5</u> 10
Bulk Density	.502		.512		.507		.506	
Hard Particle ⁵ ₇	<u>18</u> 2.04	—	—	—	—	—	—	—
Viscosity	1.015							
RVCM	.023							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>2.08</u>	<u>23.27</u>	<u>12.40</u>	<u>6.13</u>	<u>2.92</u>	<u>2.10</u>	<u>.68</u>
% P	<u>0.0</u>	<u>4.2</u>	<u>46.5</u>	<u>24.8</u>	<u>13.1</u>	<u>5.8</u>	<u>4.2</u>	<u>1.4</u>

Drytime: 4.8 Static Flow: 0.194 Avg. Microns: 182.9

Color L: 100.92 a 0.09 b 1.10

METS: 9457 / 127.1 %

Technician: M.T. & R.H.

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CERTIFICATE OF ANALYSIS

Date: 6/17/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04979

Attention: L. G. Haefner

Order No.: 0012453-000

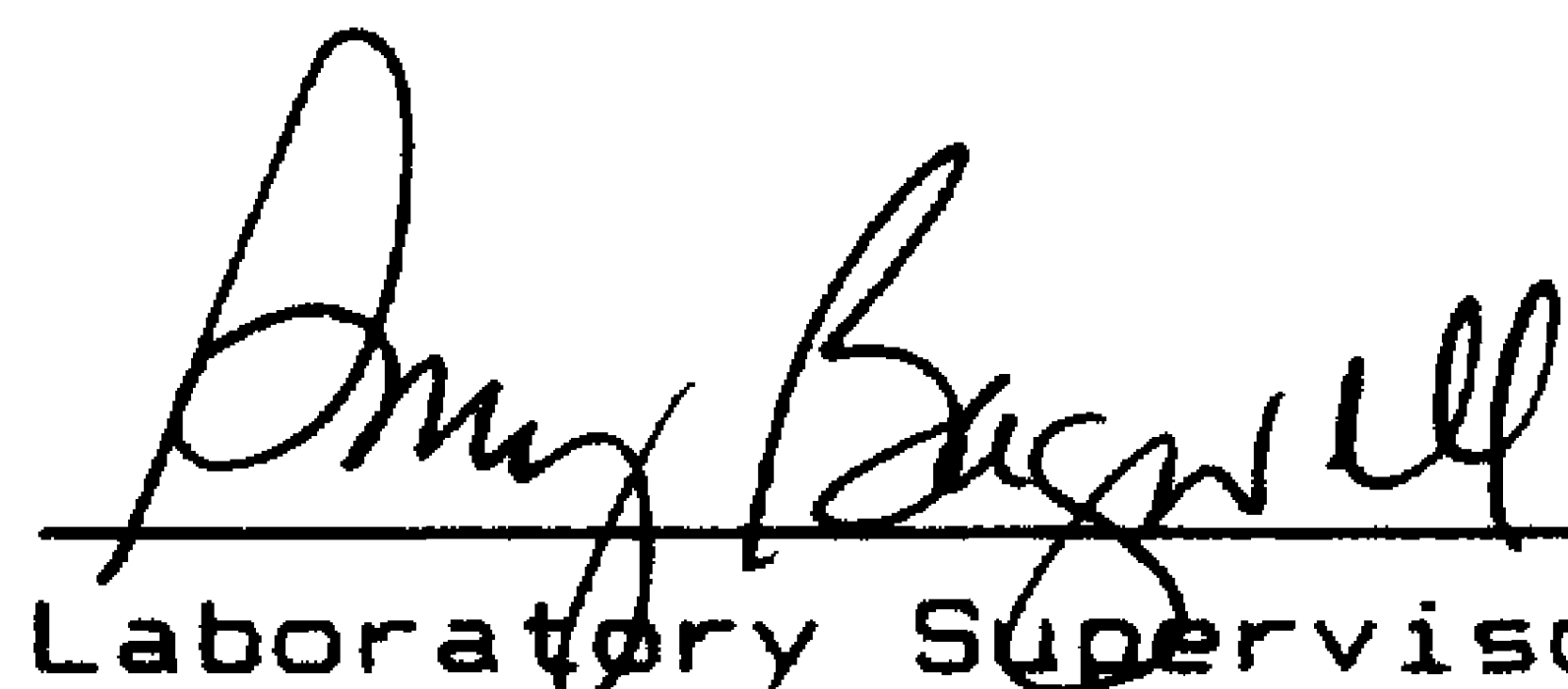
Ship Date: 6/15/92

Trailer No.: T-8287

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.20</u>		
Bulk Density, gm/cc	ABR-2A	<u>.532</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>18.5</u>	<u>4.5</u>
Residual VCM, ppm	ABGC-26	<u>.037</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04979

PRODUCT: 5305

DATE: 6/13/92

TIME/TESTED BY: 1930

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLACK/BROWN CONT.	PARTICLE SIZE DISTRIBUTION								BULK DENS H/P	5/7 MIN. DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCW
			40	60	80	100	120	140	200	PAN				L	A	B			
CON- POSITE OF 1, 13, RESULTS 25 & 37			0.00	0.03	2.60	8.25	14.50	13.15	9.25	2.25		50	0						
			0.00	0.1	5.2	16.5	28.9	26.3	18.5	4.5	53.2	13	8.4	100	30.2	1.30			0.37
SKID #1	.15	9/9																.730	
SKID #4	.20	2/9																	
SKID #7	.11	6/3																	
SKID #10	.15	6/5																	
SKID #13	.12	7/6																.727	
SKID #16	.13	11/7																	
SKID #19	.15	5/8																	
SKID #22	.12	6/8																	
SKID #25	.17	11/8																.724	
SKID #28	.13	4/5																	
SKID #31	.11	7/5																	
SKID #34	.11	5/8																	
SKID #37	.15	6/6																.727	

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Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 6/15/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04967

Attention: L. G. Haefner

Order No.: 0011990-001

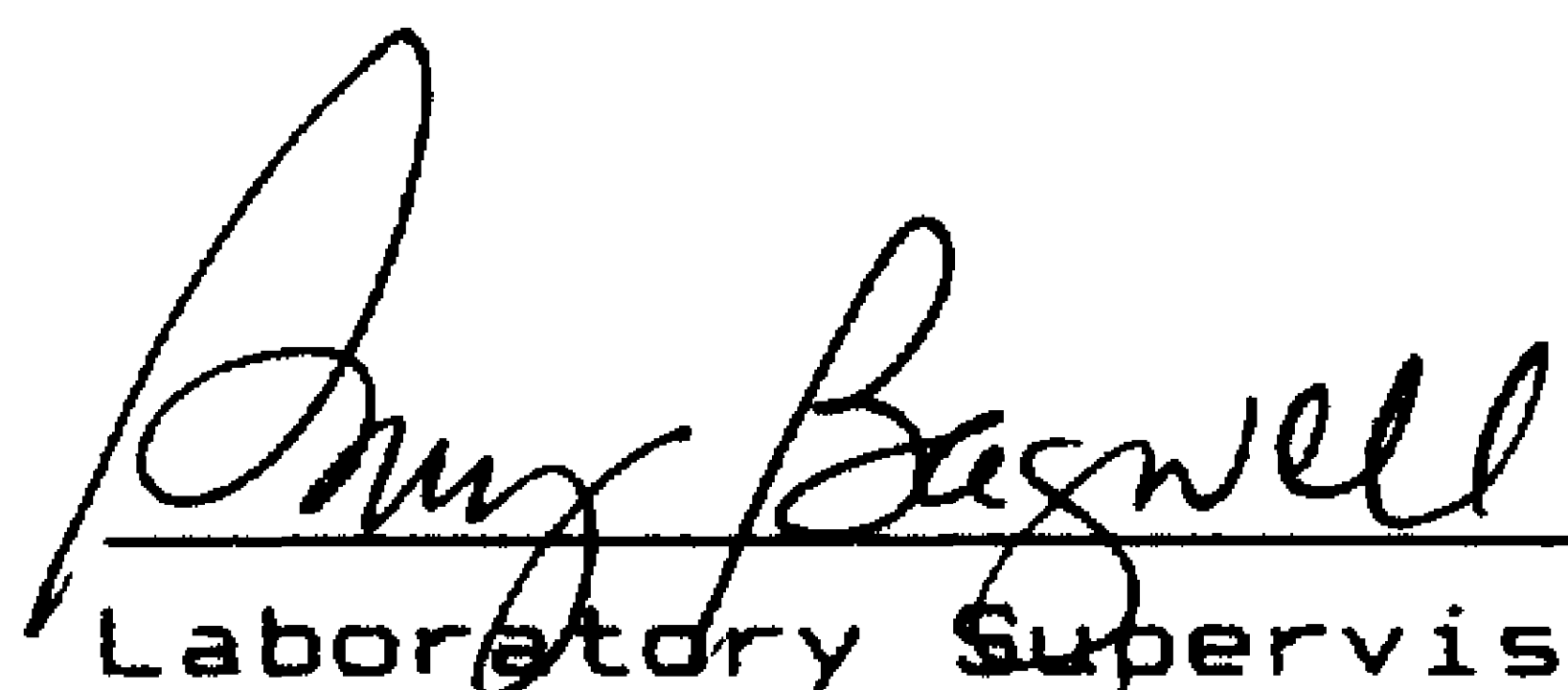
Ship Date: 6/11/92

Trailer No.: T-17870

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.18</u>		
Bulk Density, gm/cc	ABR-2A	<u>.533</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>5.6</u>	<u>2.5</u>
Residual VCM, ppm	ABGC-26	<u>.062</u>		
Inherent Viscosity	ABR-10	<u>.71</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

BLEND NO: 04969 PRODUCT: 5325 DATE: 5/20/92 TIME/TESTED BY: 0910/HA-MG

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/BRN CONT	PARTICLE SIZE DISTRIBUTION							BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			40	60	80	100	120	140	200	PAN				L	A	B			
COMP. SAMPLES	Bottom Line →		XXXXXXXXXXXX										0/70	99.04	0.63	2.01	41%		0.62
NO. 1	.11	2/4																.715	
NO. 4	.17	5/2																.711	
NO. 7	.16	10/5																	
NO. 10	.17	14/4																	
NO. 13	.18	11/3																	
NO. 16	.17	15/4																	
NO. 19	.18	13/2																	

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CERTIFICATE OF ANALYSIS

Date: 6/15/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04957

Attention: L. G. Haefner

Order No.: 0012373-000

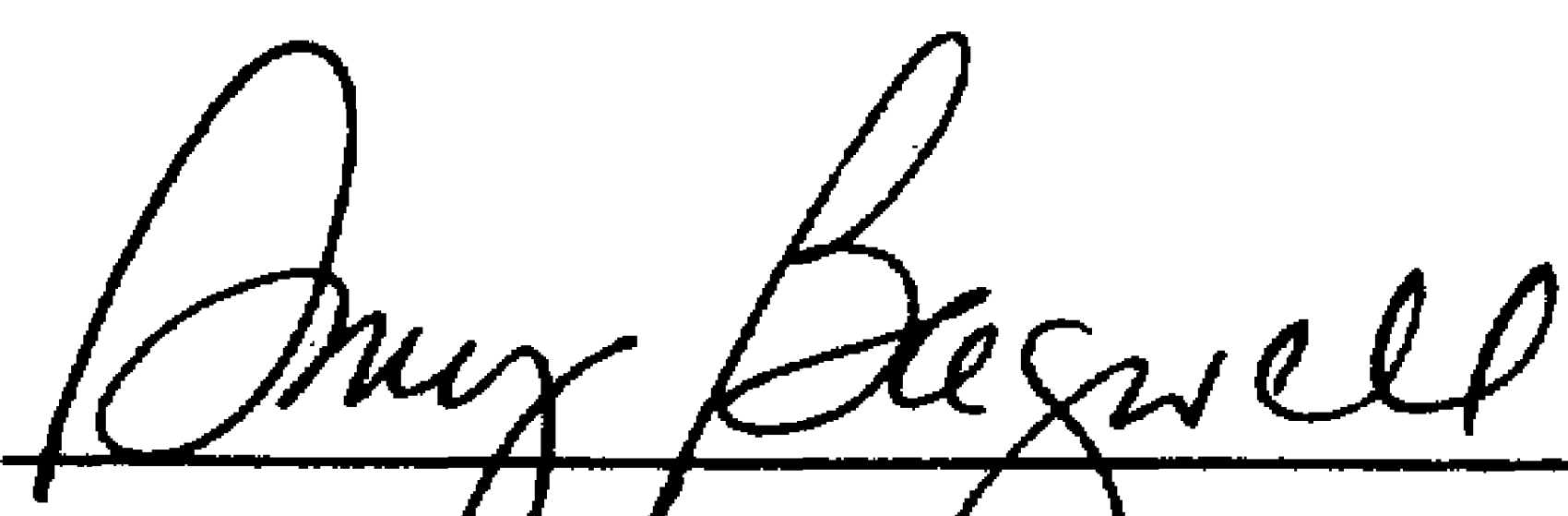
Ship Date: 6/11/92

Trailer No.: T-5705

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.543</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.6</u>	<u>1.7</u>
Residual VCM, ppm	ABGC-26	<u>.080</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG .END

BLEND NO: 04957 PRODUCT: 5265 DATE: 5/10/92 TIME/TESTED BY: 2200

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION										BULK DENS	S/P MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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			40	60	80	100	120	140	200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
COMP. SAMPLES			0000	0.30	7.69	15.06	16.71	72.8	230	084						0/																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

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CERTIFICATE OF ANALYSIS

Date: 6/15/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

VISTA

Lot No.: 04958

Attention: L. G. Haefner

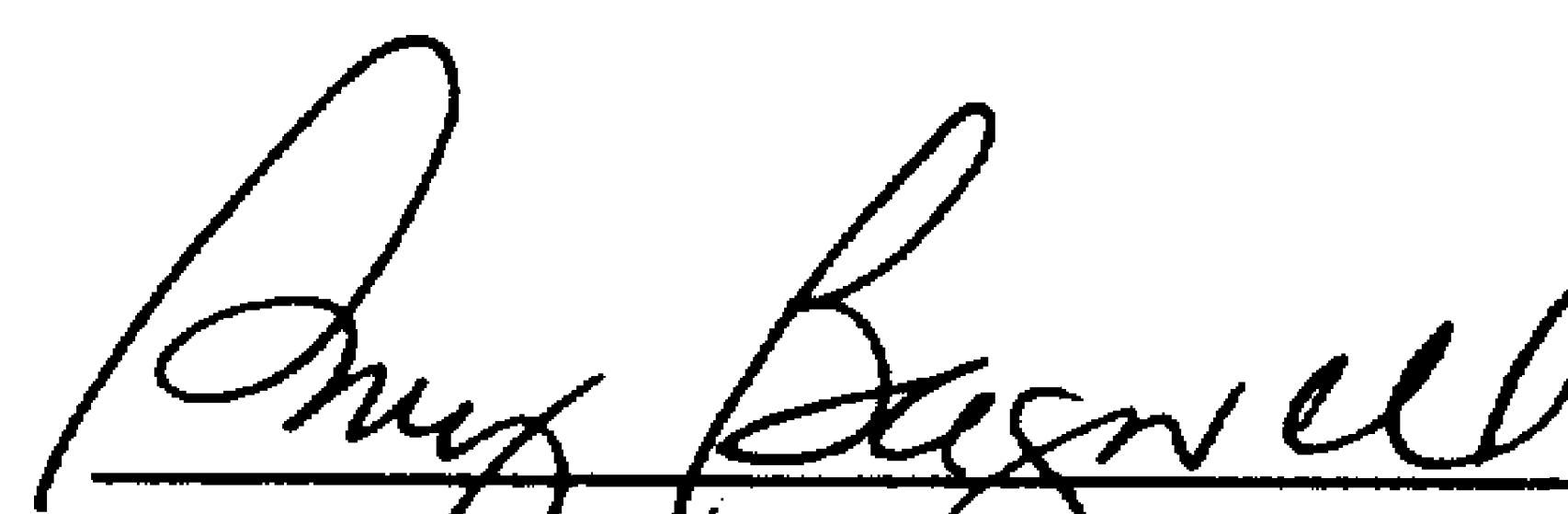
Order No.: 0012218-000

Ship Date: 6/11/92

Trailer No.: T-6951

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>.552</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.8</u>	<u>1.8</u>
Residual VCM, ppm	ABGC-26	<u>.057</u>		
Inherent Viscosity	ABR-10	<u>.65</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG END

BLEND NO: 04958 PRODUCT: 5265 DATE: 5/11/52 TIME/TESTED BY: a430

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
COMP. SAMPLES			0.00	.33	7.75	14.81	16.33	7.21	2.41	.90									.057	
			0.0	.7	15.5	29.6	33.2	14.4	4.8	1.8										
NO. 1	.06	4/9									.552	-	-	0/	7.6	98.13	130	192	<1%	.655
NO. 4	.10	4/3																		.649
NO. 7	.12	2/1																		
NO. 10	.10	5/2																		
NO. 13	.14	4/1																		
NO. 16	.12	7/4																		
NO. 19	.10	5/3																		

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Aberdeen, Mississippi 39730
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 6/15/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04881

Attention: L. G. Haefner

Order No.: 0012373-000

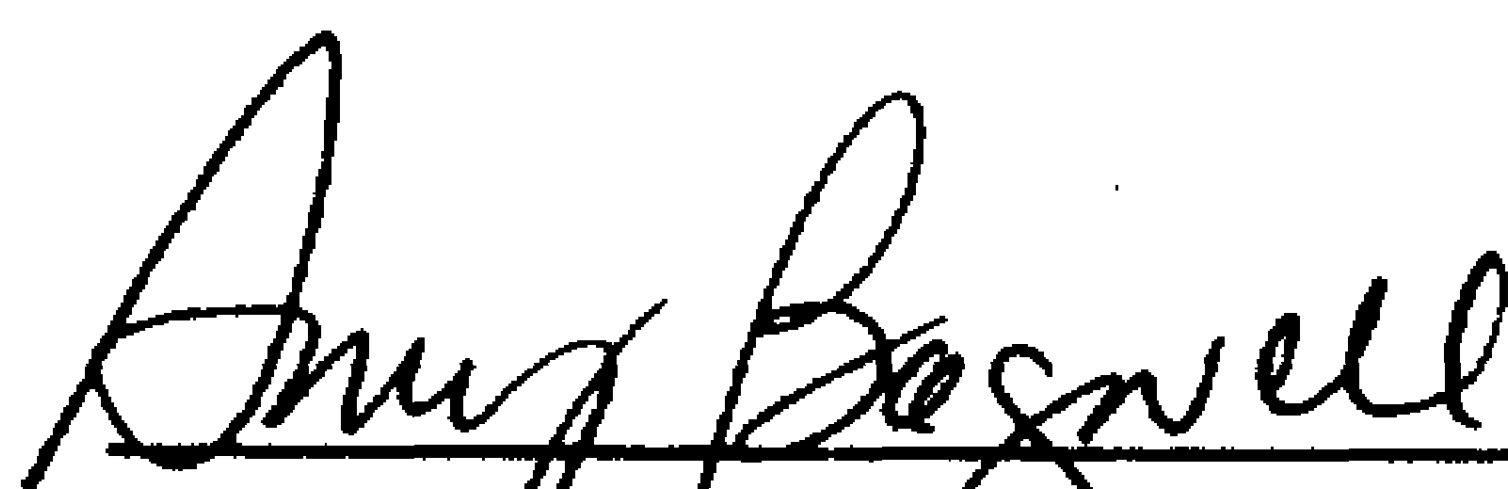
Ship Date: 6/11/92

Trailer No.: T-5705

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.13</u>		
Bulk Density, gm/cc	ABR-2A	<u>.521</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>10.4</u>	<u>1.2</u>
Residual VCM, ppm	ABGC-26	<u>.021</u>		
Inherent Viscosity	ABR-10	<u>.65</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date

2-8-92

Product Type

5865

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution							HP Screen Set	Bulk G./C.C.	Dry Time	Cont. %	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan					L	A	B		
04881	9/12												—			0	20	50	80		
1410	9/12		1023	—	0.00	0.03	2.50	9.73	18.78	13.04	5.20	0.60		—		114.3	99.43	0.76	1.69		
1				.12											4		20	50	80		.64
4				.13											5		20	50	80		.653
7				.10											6		20	50	80		
10				.13											3		20	50	80		
13				.11											5		20	50	80		
16				.10											3		20	50	80		
19				.10											4		20	50	80		

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CERTIFICATE OF ANALYSIS

Date: 6/10/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

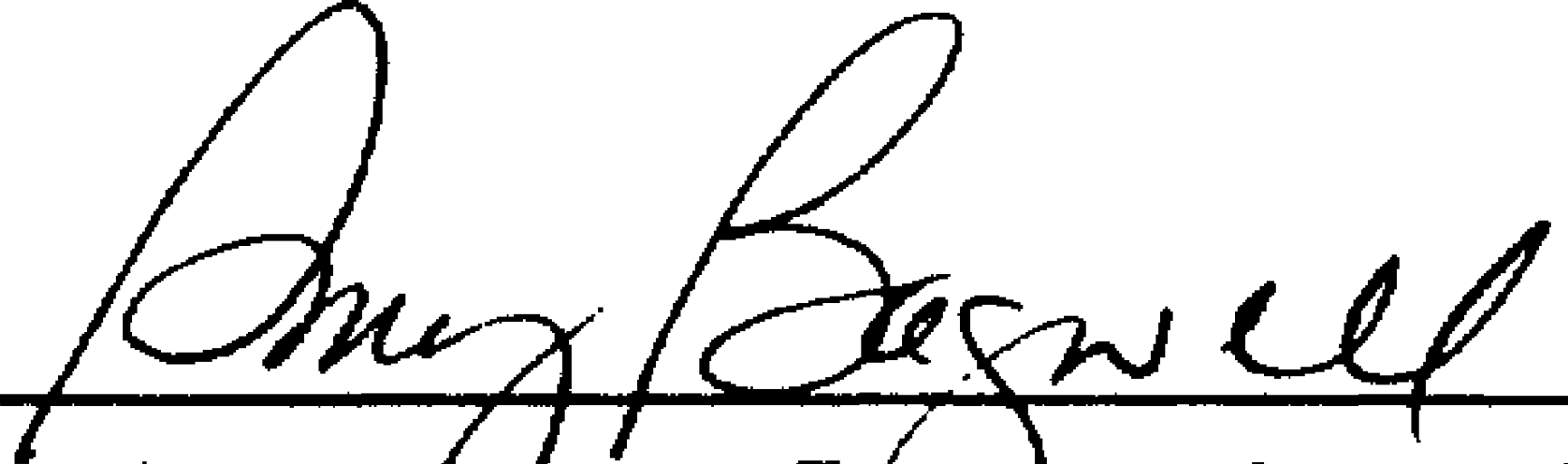
Order No.: 0012216-000

Ship Date: 6/10/92

Trailer No.: T-383

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.08</u>		
Bulk Density, gm/cc	ABR-2A	<u>.524</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.6</u>	<u>2.4</u>
Residual VCM, ppm	ABGC-26	<u>.069</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 6-10-92 Product 5305 Trailer Number T-383
Customer Premiere Silo 683+684 Time 1345-1415
Technician D.T.FHDL Order No. 0012216-00

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. 18		6/6		1. -	1. 524	1. -	L = 100,10 A = 0.46 B = 1.57		
	2.		2.		2.	2.	2.			
MIDDLE	1.		1.		1.	1.	1.	L =	0 8.0	No Metal
	2.		2.		2.	2.	2.	A = B =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A = B =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	0.00	0.20	2.70	13.70	15.66	8.18	3.31	1.22	
% on Mesh	0.0	0.4	15.4	27.4	31.4	16.4	6.6	2.4	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
A Division of
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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: June 11, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

Railcar No.: VIPX 45856

Ship Date: June 8, 1992

Order No.: 0009535-003

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.25
Inherent Viscosity	ABR-10	0.50
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		10.3
Pan		2.8
Residual VCM, PPM	ABGC-26	1.564

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

VAB.0001202674

PVC RAILCAR ANALYSIS

Load Date: 6/4/92 Product: 5225 Car No.: 45856
 Time Logged In: 0100 Logged In By: AKZ Silo(s): 680
 Ship Date: 6/8 Order No: 9535-003 Customer: Premier

No Metal

Compartment	(A)		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.10							
Contamination	BL BR	<u>3</u> <u>22</u>	—	—	—	—	—	—
Bulk Density	.563							
BD w/antistat								
Viscosity	.501							
RVCM	1.564							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.20</u>	<u>7.78</u>	<u>12.46</u>	<u>13.78</u>	<u>8.92</u>	<u>5.00</u>	<u>1.90</u>
% P	<u>0.00</u>	<u>4</u>	<u>15.6</u>	<u>24.9</u>	<u>27.5</u>	<u>17.8</u>	<u>10.0</u>	<u>3.8</u>

% Glassies: 41% Avg. Microns: _____

Color L: 97.51 a 1.27 b 1.94 Static Flow: 0/8.1

Technician: R31

PVC RAILCAR ANALYSIS

Load Date: 5-8-92Product: 5225Car No.: 45856Time Logged In: 0630Logged In By: CSSilo(s): 688

Ship Date: _____

Order No: _____

Customer: _____

Metal (1) **DEFLDAD**

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.08		.25		.13		.13	
Contamination	BL							
	BR							
Bulk Density	.533		.526		.574		.576	
BD w/antistat								
Viscosity			.492		.484		.482	
RVCM	1.962		2.593		0.339		0.353	

* .654 after supervac on 6/2/92

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.0</u>	<u>.40</u>	<u>6.04</u>	<u>11.14</u>	<u>15.09</u>	<u>11.00</u>	<u>5.13</u>	<u>1.40</u>
% P	<u>0.0</u>	<u>.8</u>	<u>12.1</u>	<u>22.3</u>	<u>29.7</u>	<u>22.0</u>	<u>10.3</u>	<u>2.8</u>

% Glassies: <1% Avg. Microns: 141.2Color L: 97.10 a 1.61 b 1.97 Static Flow: 0.174Technician: MT & KH

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

VISTA

Date: 6/11/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04959

Attention: L. G. Haefner

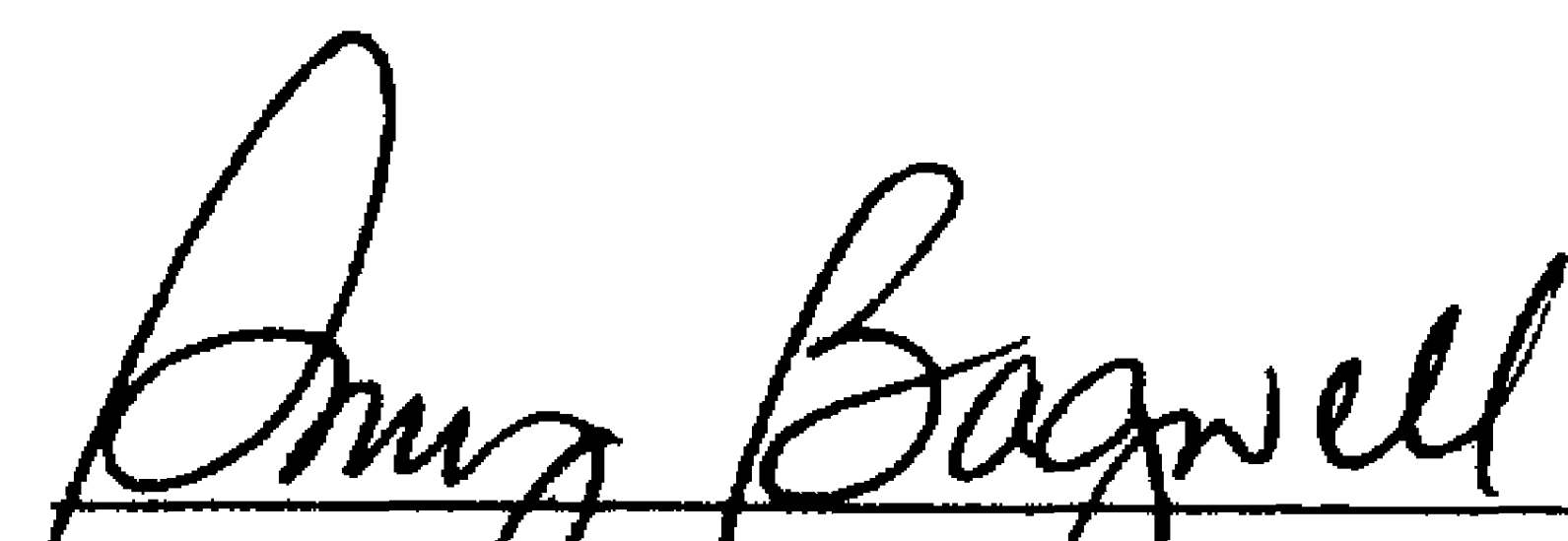
Order No.: 0012125-000

Ship Date: 6/7/92

Trailer No.: T-8003

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.23</u>		
Hard Particles @ 7 min.	ABR-12	<u>1</u>		
Bulk Density, gm/cc	ABR-2A	<u>.528</u>		
Barbender Dry Time, min.	ABR-7	<u>5.0</u>		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		<u>0.0</u>	<u>15.1</u>	<u>3.9</u>
Residual VCM, ppm	ABGC-26	<u>.030</u>		
Inherent Viscosity	ABR-10	<u>.96</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04959 PRODUCT: 5395 DATE: 5-11-92 TIME/TESTED BY: 1000 / D.T. + MB.

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
COMP. SAMPLES			0.00	0.03	6.02	13.12	13.28	79.3	75.7	19.5		3/			0	100.82	0.22	1.18	030	
			0.0	0.1	12.0	26.2	26.8	15.9	15.1	3.9	528	5.0	9.8							
NO. 1	.20	3/3																.959		
NO. 4	.18	2/5																.965		
NO. 7	.18	3/1																		
NO. 10	.21	2/2																		
NO. 13	.23	2/4																		
NO. 16	.18	3/2																		
NO. 19	.17	2/4																		

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CERTIFICATE OF ANALYSIS

Date: 6/5/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04972

Attention: L. G. Haefner

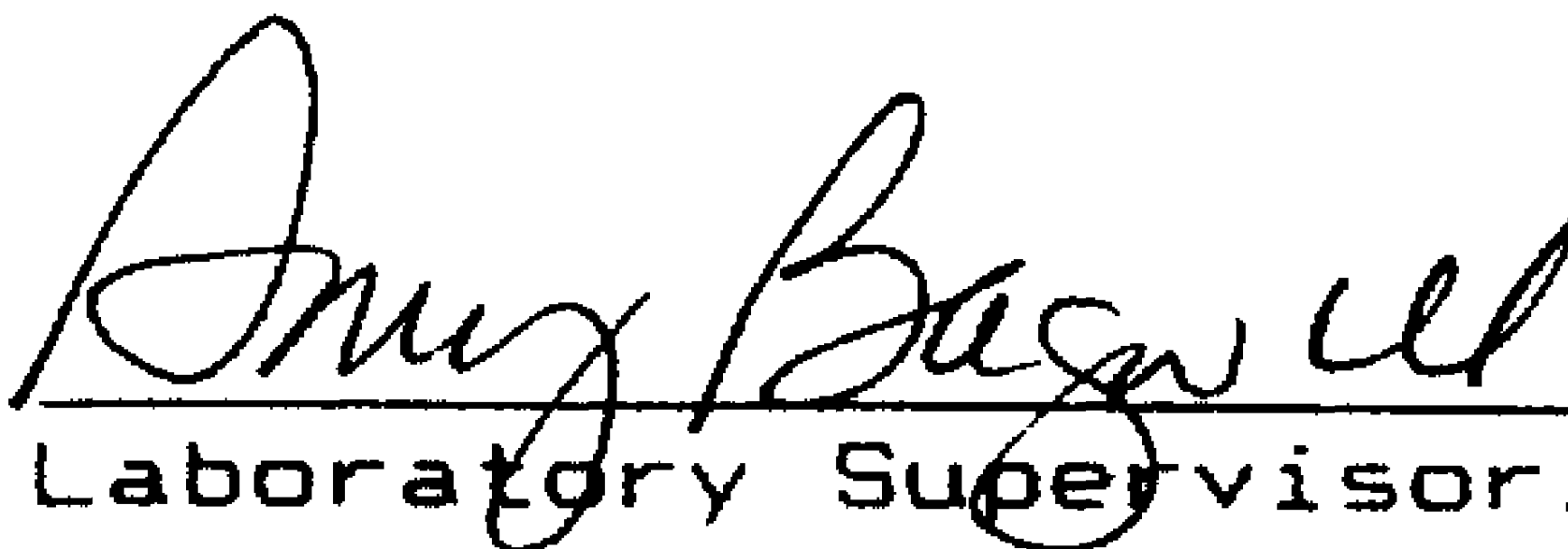
Order No.: 0011292-000

Ship Date: 6/4/92

Trailer No.: T-5763

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.26</u>		
Bulk Density, gm/cc	ABR-2A	<u>.505</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.1</u>	<u>2.0</u>
Average Microns		<u>146.0</u>		
Residual VCM, ppm	ABGC-26	<u>.074</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>26.2</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG : END

BLEND NO: 04972 PRODUCT: 5325 DATE: 6/1/92 TIME/TESTED BY: 1930-~~182~~

Avg. Microns, 5225/5325/5415: 146.0

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM	
			PARTICLE SIZE DISTRIBUTION																		
			40	60	80	100	120	140	200	PAN											
COMP. SAMPLES			000	0.13	6.45	13.70	16.95	8.70	3.05	1.00			0/82			100.22	0.39	1.55	26.2	<1	.074
NO. 1	.21	7/4																			.810
NO. 4	.24	6/9																			.810
NO. 7	.26	2/4																			
NO. 10	.22	8/3																			
NO. 13	.26	3/3																			
NO. 16	.25	2/7																			
NO. 19	.21	6/4																			

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CERTIFICATE OF ANALYSIS

Date: June 8, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

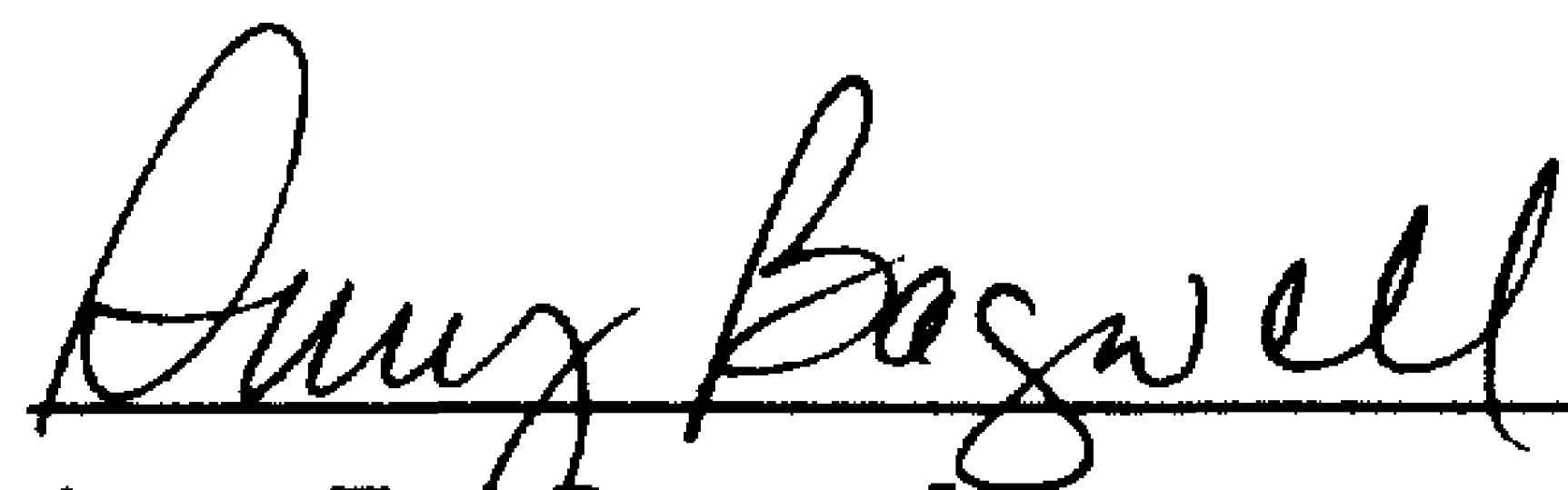
Railcar No: PLWX 44269

Attention: L. G. Haefner

Order No.: 0011540-000

Ship Date: June 1, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.23
Bulk Density	ABR-2A	0.521
Brabender Dry Time, Mins	ABR-7	5.0
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		4.7
Pan		1.6
Residual VCM, PPM	ABGC-26	0.030
Inherent Viscosity	ABR-10	1.02



Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 5-27-92 Product: 5415 Car No.: 44269
 Time Logged In: 0400 Logged In By: M.J. Silo(s): 690, 691
 Ship Date: 6/1 Order No: 11540-000 Customer: 800 Premier

NO METAL

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.23		.21		.23		.22	
Contamination	BL	<u>6</u>	<u>3</u>	<u>3</u>	<u>2</u>	<u>5</u>	<u>3</u>	<u>3</u>
	BR	<u>4</u>	<u>3</u>	<u>7</u>	<u>4</u>	<u>7</u>	<u>6</u>	<u>6</u>
Bulk Density	.521		.518		.518		.527	
Hard Particle	5	<u>2</u>	—	—	—	—	—	—
	7	<u>1 HDL</u>	—	—	—	—	—	—
Viscosity	1.018							
RVCM	.030							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>1.44</u>	<u>18.44</u>	<u>15.00</u>	<u>8.32</u>	<u>3.68</u>	<u>2.36</u>	<u>4.80</u>
%	<u>0.0</u>	<u>2.9</u>	<u>36.9</u>	<u>30.0</u>	<u>16.5</u>	<u>7.4</u>	<u>4.7</u>	<u>1.6</u>

Drytime: 5.0 Static Flow: 0 / 8.3 Avg. Microns: 173.5

Color L: 10.03 a 0.08 b 1.21

METS: 9300 / 115.0 %

Technician: P.T. + HPL

VAB.0001202682

CERTIFICATE OF ANALYSIS

VISTA

Date: 6-7-92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5415

Lot No.:

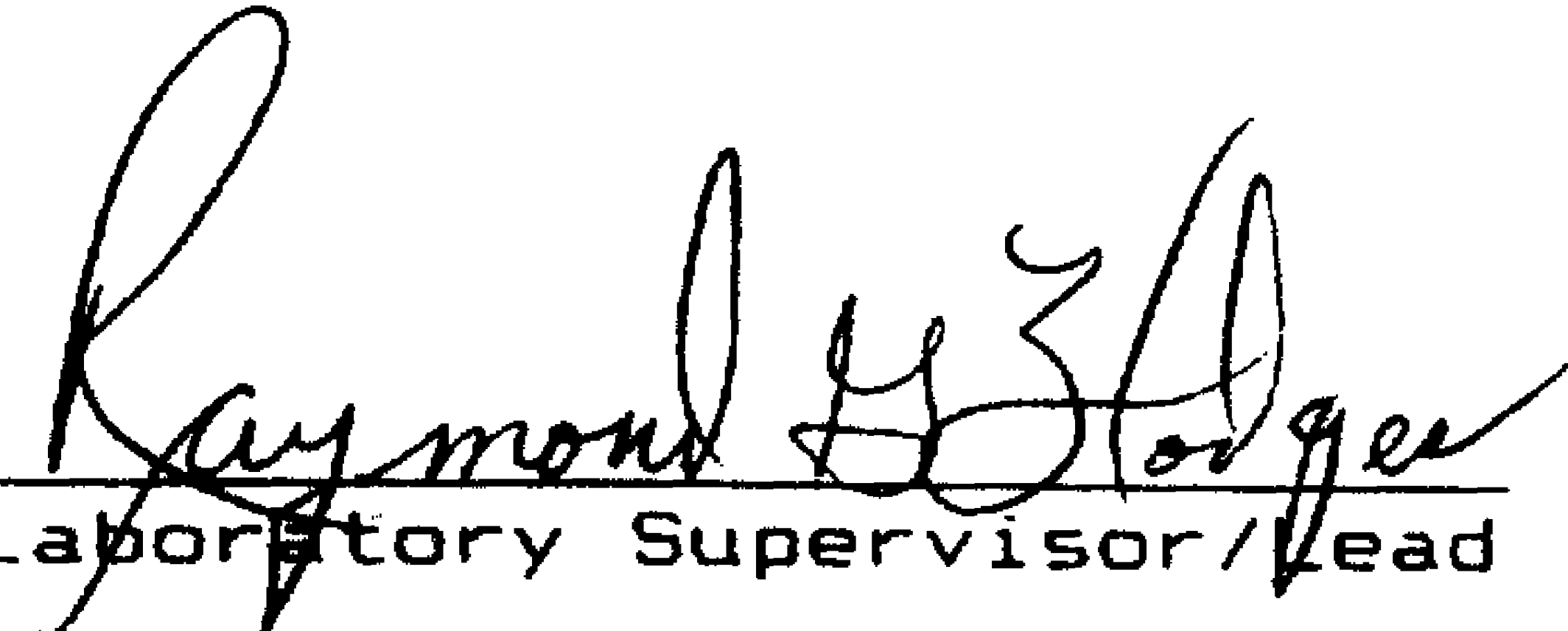
Attention: L. G. Haefner

Order No.: 0012189-000

Ship Date: 6-7-92

Trailer No.: T-372

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Hard Particles @ 7 min.	ABR-12	<u>7/2</u>		
Bulk Density, gm/cc	ABR-2B	<u>.507</u>		
Barbender Dry Time, min.	ABR-07	<u>4.7</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.00</u>	<u>5.8</u>	<u>1.9</u>
Residual VCM, ppm	ABGC-26	<u>- .026</u>		
Inherent Viscosity	ABR-10	<u>1.01</u>		


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 6-7-92 Product 5415 Trailer Number T-372
Customer Premier Silo 690-691 Time 0830
Technician M.T Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>11</u>		1. <u>6</u>		1. <u>7</u>	1. <u>507</u>	1. <u>4.7</u>	L = <u>100.99</u>	<u>0</u> <u>8.7</u>	
	2.		2.		2.	2.	2.	A = <u>0.12</u>		
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
END	1.		1.		1.	1.	1.	B =		
	2.		2.		2.	2.	2.	L =		
								A =		
								B =		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

									Pan	Glassy Part.
Mesh Size	40	60	80	100	120	140	200			
Gross Wt.										
Tare										
Net Wt. <u>P</u>	<u>0.0</u>	<u>2.59</u>	<u>17.66</u>	<u>14.65</u>	<u>8.38</u>	<u>3.00</u>	<u>2.91</u>	<u>0.95</u>		
% on Mesh	<u>0.0</u>	<u>5.2</u>	<u>35.3</u>	<u>29.3</u>	<u>16.5</u>	<u>6.0</u>	<u>5.8</u>	<u>1.9</u>		

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

									Pan	Glassy Part.
Mesh Size	40	60	80	100	120	140	200			
Gross Wt.										
Tare										
Net Wt.										
% on Mesh										

Remarks _____

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 6/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04953

Attention: L. G. Haefner

Order No.: 0011990-000

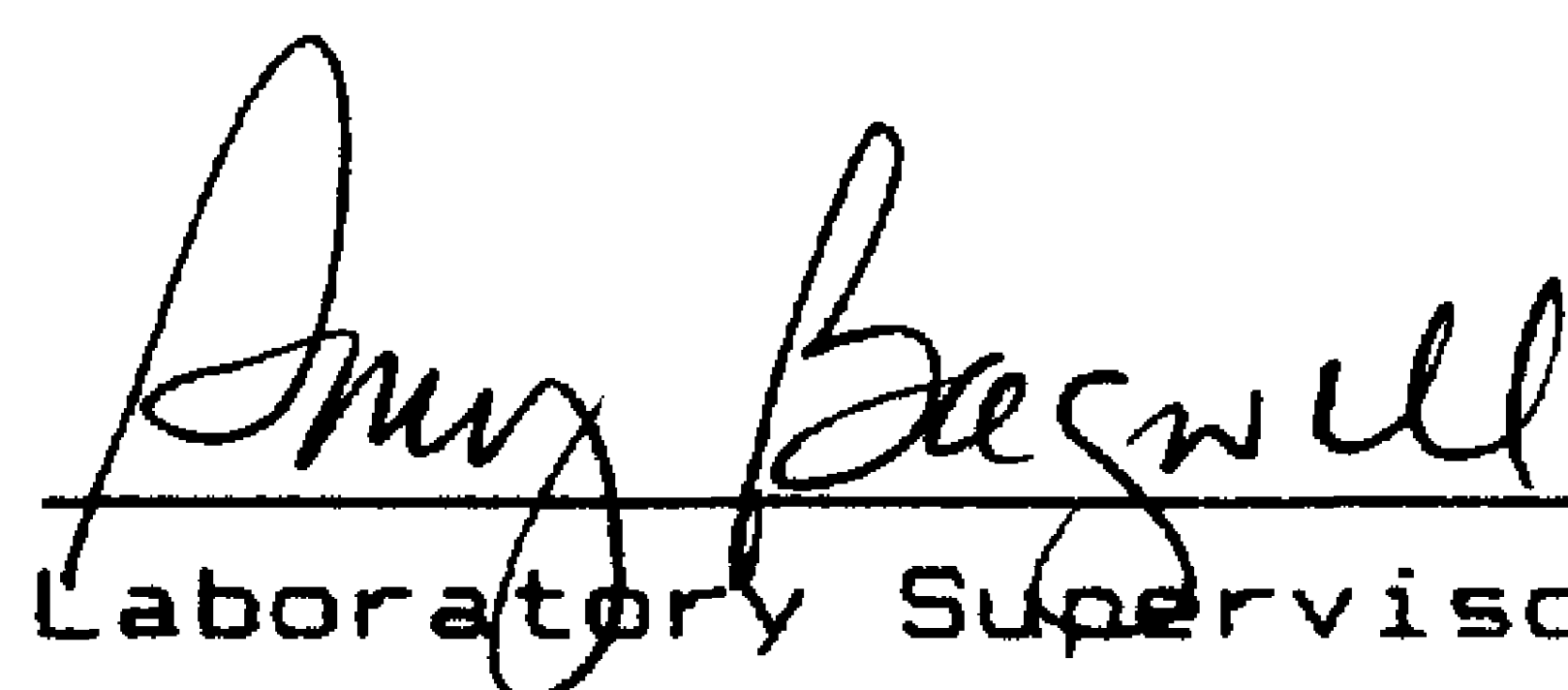
Ship Date: 6/3/92

Trailer No.: T-7651

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.13</u>		
Bulk Density, gm/cc	ABR-2A	<u>.520</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.3</u>	<u>2.4</u>
Residual VCM, ppm	ABGC-26	<u>.090</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

42.75ⁿ

RESIN BAG BLEND

BLEND NO: 04953 PRODUCT: 5305 DATE: 5-6-92 TIME/TESTED BY: 1930/cores

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RYCM
			40	60	80	100	120	140	200	PAN					L	A	B			
COMP. SAMPLES			0.00	0.05	5.25	11.78	16.76	10.34	4.67	1.21										
			0.0	0.1	10.5	23.6	33.4	20.7	9.3	2.4	.520			0/11.2	99.82	0.28	1.64			090
NO. 1	.10	2/5																		
NO. 4	.11	1/4																		
NO. 7	.09	3/5																		
NO. 10	.11	2/6																		
NO. 13	.12	1/5																		
NO. 16	.12	3/3																		
NO. 19	.13	1/6																		

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Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: 6/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04969

Attention: L. G. Haefner

Order No.: 0011990-000

Ship Date: 6/3/92

Trailer No.: T-7651

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.532</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.1</u>	<u>3.3</u>
Residual VCM, ppm	ABGC-26	<u>.012</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Amy Bagwell
Laboratory Supervisor/Lead

RESIN BAG I AND

BLEND NO: 04969

PRODUCT: 5305

DATE: 5-21-92

TIME/TESTED BY: 11:30

RH

AVG. MICRONS, 5225/5325/5415:

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
COMP. SAMPLES			0.00	0.28	0.63	14.00	15.65	7.62	3.03	1.64		-	-	0						
			0.0	0.6	17.3	28.0	29.5	15.2	6.1	3.3	532			9.1	99.31	0.46	1.65			0.12
NO. 1	.06	3/4																	718	
NO. 4	.08	4/6																	716	
NO. 7	.07	2/7																		
NO. 10	.09	3/8																		
NO. 13	.09	2/6																		
NO. 16	.11	1/5																		
NO. 19	.10	2/3																		

Rouge

CERTIFICATE OF ANALYSIS

Date: 6/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04970

Attention: L. G. Haefner

Order No.: 0011990-000

Ship Date: 6/3/92

Trailer No.: T-7651

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.18</u>		
Bulk Density, gm/cc	ABR-2A	<u>.526</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.0</u>	<u>2.0</u>
Residual VCM, ppm	ABGC-26	<u>.049</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Amy Baswell
Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04970 PRODUCT: 5305 DATE: 5-22-92 TIME/TESTED BY: 2200/STH+HA.

AVG. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/G MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN					L	A	B			
COMP. SAMPLES			0.00	0.24	7.49	14.40	15.70	7.89	3.02	0.99										
			20	0.5	14.9	28.8	32.0	15.8	6.0	2.0	520			9.2	98.97	0.95	1.76			249
NO. 1	.17	$\frac{6}{1}$																	.720	
NO. 4	.13	$\frac{63}{107}$																	.718	
NO. 7	.18	$\frac{7}{3}$																		
NO. 10	.18	$\frac{4}{6}$																		
NO. 13	.18	$\frac{11}{5}$																		
NO. 16	.17	$\frac{6}{5}$																		
NO. 19	.17	$\frac{5}{5}$																		

VA3.0001202690

skid 2-7 BC 13,500
29,250 "P"

Vista Polymers
A Division of
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Highway 25
Post Office Box 91

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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: May 22, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

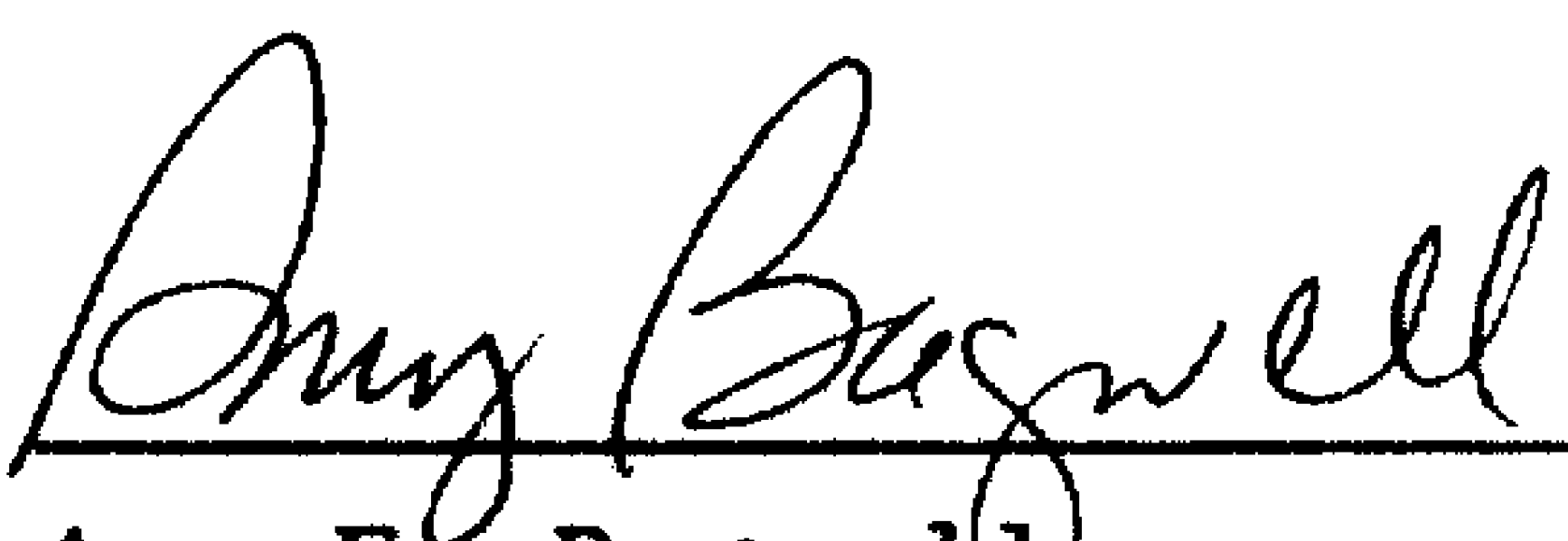
Railcar No.: PLCX 43709

Ship Date: May 18, 1992

Order No.: 0009535-001

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.15
Inherent Viscosity	ABR-10	0.51
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		12.3
Pan		3.1
Residual VCM, PPM	ABGC-26	1.467

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 5-8-92Product: 5225Car No.: 43709Time Logged In: 0600Logged In By: ESSilo(s): 688Ship Date: 5/18Order No: 9535-001Customer: Premier

no mold

Compartment	<u>A</u> <i>wt</i>		<u>CA</u>		<u>CB</u>		<u>B</u>	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.15		.12		.10		.10	
Contamination	BL	<u>38</u>	<u>20</u>	—	<u>16</u>	—	<u>5</u>	—
	BR	<u>16</u>	<u>39</u>	—	<u>10</u>	—	<u>20</u>	—
Bulk Density	.575		.580		.577		.578	
BD w/antistat								
Viscosity	.509		.495		.495		.490	
RVCM			1.467				1.372	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.12</u>	<u>5.24</u>	<u>10.56</u>	<u>14.71</u>	<u>11.70</u>	<u>6.17</u>	<u>1.56</u>
%	<u>0.0</u>	<u>.2</u>	<u>10.5</u>	<u>21.1</u>	<u>29.4</u>	<u>23.4</u>	<u>12.3</u>	<u>3.1</u>

% Glassies: 61% Avg. Microns: 136.9Color L: 97.19 a 1.46 b 2.02 Static Flow: 0 / 7.7Technician: MJ+HA

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CERTIFICATE OF ANALYSIS

Date: May 22, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

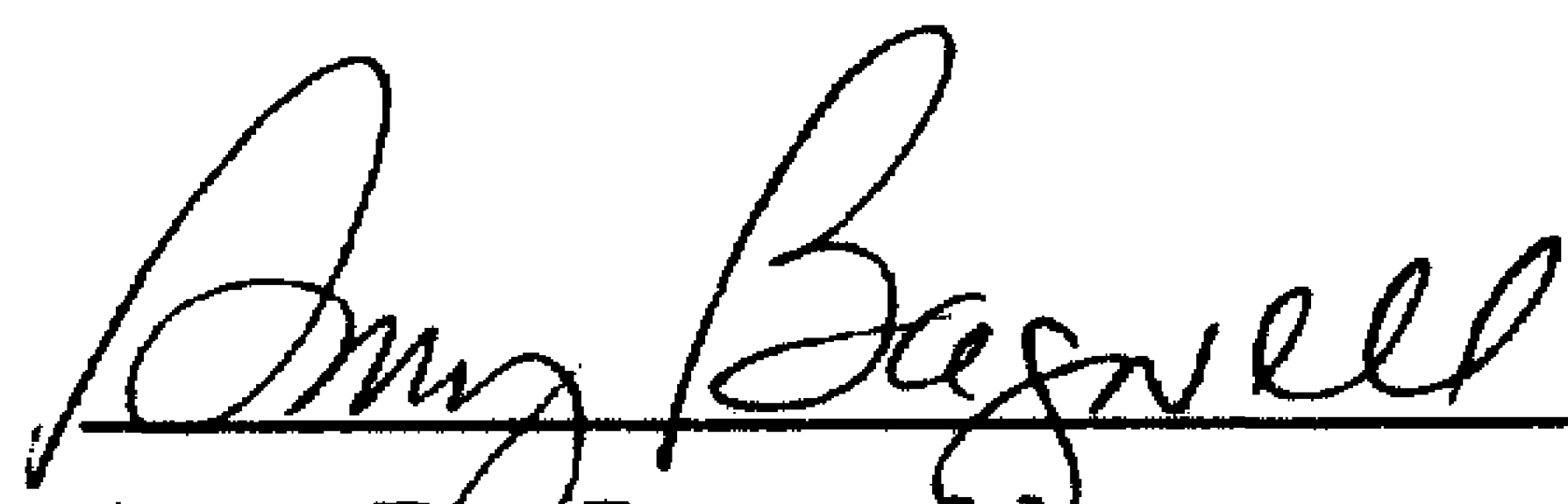
Railcar No.: ACFX 41155

Ship Date: May 18, 1992

Order No.: 0009535-000

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.13
Inherent Viscosity	ABR-10	0.50
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		14.9
Pan		3.8
Residual VCM, PPM	ABGC-26	0.794

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

VAB.0001202693

PVC RAILCAR ANALYSIS

Load Date: 3/16/92 Product: 5225 Car No.: 41155
 Time Logged In: 1330 Logged In By: P.T. Silo(s): 680
 Ship Date: 5/18 Order No: 9535-000 Customer: PREMIERE

no match 5-8-92 165

Compartment	(A)		(CA)		(CB)		(B)	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.12		.13		.11		.10	
Contamination	BL	<u>7</u>	<u>17</u> ^T <u>12</u> ^M	<u>8</u>	<u>11</u> ^T <u>3</u> ^M	<u>15</u>	<u>7</u>	
	BR	<u>11</u>	<u>35</u> <u>21</u>	<u>9</u>	<u>15</u> <u>8</u>	<u>10</u>	<u>5</u>	
Bulk Density	.577		.579		.575		.578	
BD w/antistat								
Viscosity	.502		.500		.492		.514	
RVCM	.013		.134		.794		.011	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.09</u>	<u>4.69</u>	<u>10.54</u>	<u>14.02</u>	<u>11.35</u>	<u>7.46</u>	<u>1.90</u>
%	<u>0.0</u>	<u>.2</u>	<u>9.4</u>	<u>21.1</u>	<u>27.9</u>	<u>22.7</u>	<u>14.9</u>	<u>3.8</u>

% Glassies: 21% Avg. Microns: 134.3

Color L: 95.70 a 1.76 b 2.07 Static Flow: 0 / 7.9

Technician: M. L. X. H. A.

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 5/21/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5225

Lot No.: 04900

Attention: L. G. Haefner

Order No.: 0009860-000

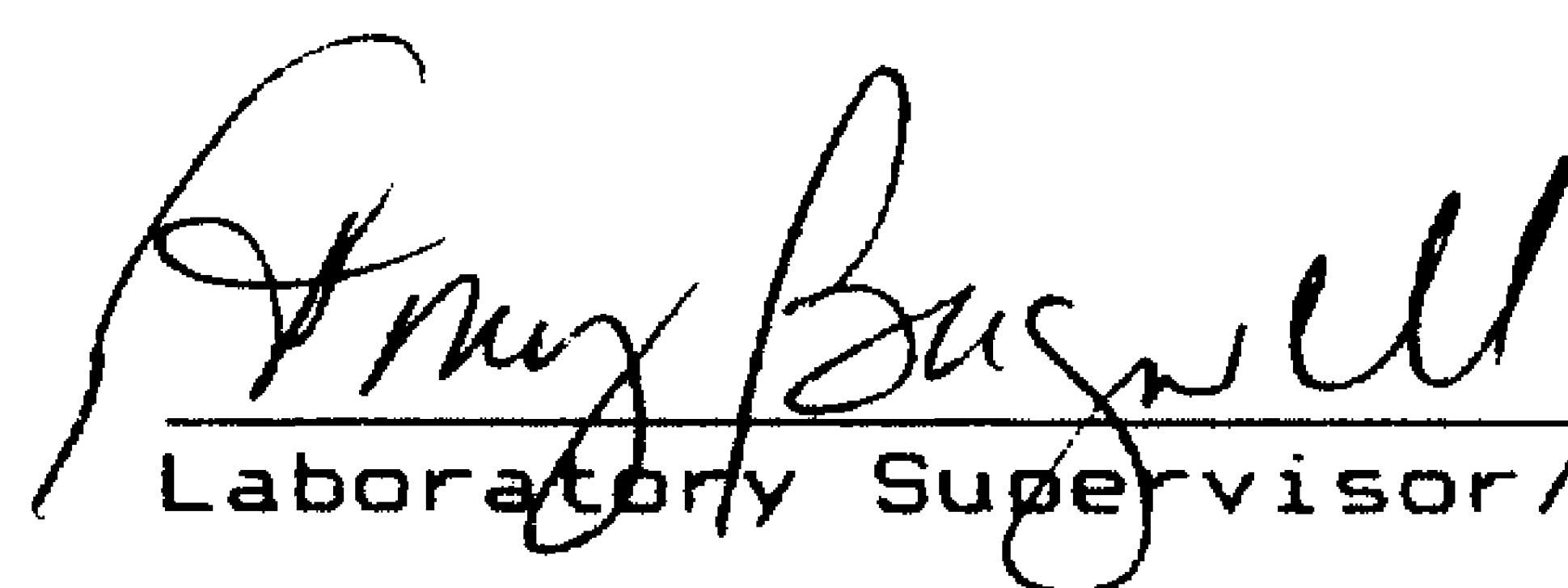
Ship Date: 5/21/92

Trailer No.: T-48499

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.23</u>		
Bulk Density, gm/cc	ABR-2A	<u>.581</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>7.3</u>	<u>1.8</u>
Residual VCM, ppm	ABGC-26	<u>1.741</u>		
Inherent Viscosity	ABR-10	<u>.51</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

1 Bag 3 ke1

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 3-7-92
Product Type 5225

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Block	Static Flow	L & N Values			CPA		Visc.	
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy			
04900	0900 0930 0950	BAGS	1	—										—				20	50	80			50	
			4																					
			10		0.00	0.26	0.41	13.65	13.81	8.29	3.64	0.92												
			m/c		0.0	0.5	18.8	27.3	27.7	16.6	7.3	1.8	P	581	—									
			m/c	.16														20	50	80			50	
			1																					
			m/c	.14															20	50	80			50
			4																					
			m/c	.13															20	50	80			50
			7																					
			m/c	.23															20	50	80			50
			10																					
			m/c	.20															20	50	80			50
			13																					
			m/c	.14															20	50	80			50
			16																					
			m/c	.12															20	50	80			50
			19																					

AVEN 1.741

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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: *MAY 19, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: *0011215-000*

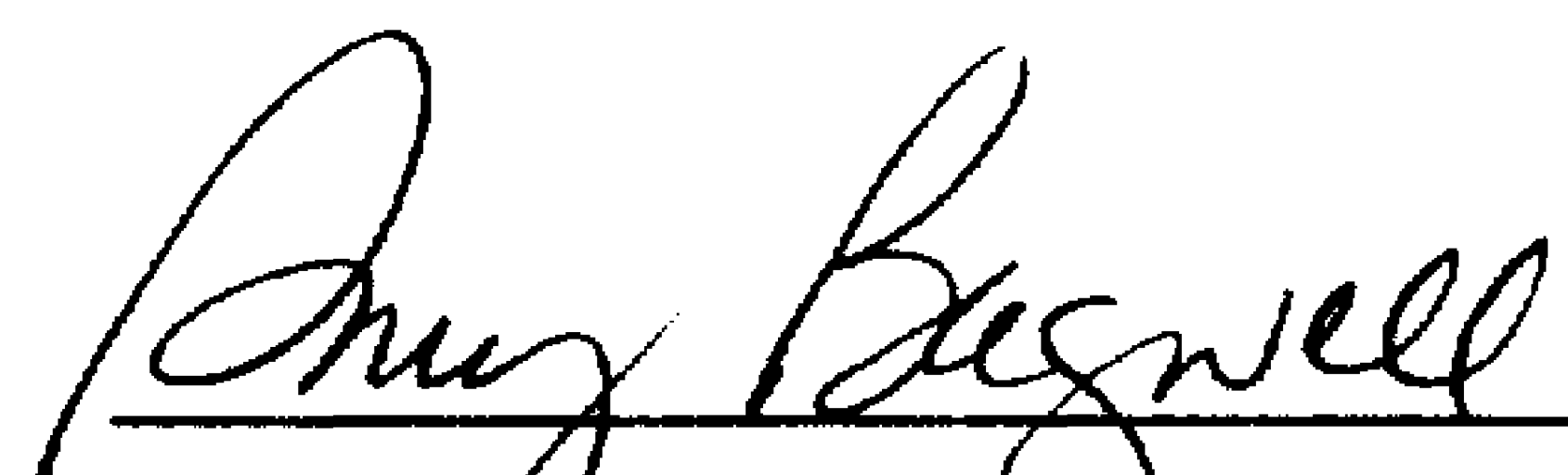
Ship Date: *MAY 19, 1992*

Trailer No.: *T-375*

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.09</u>		
Bulk Density, gm/cc	ABR-2A	<u>.538</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>10.0</u>	<u>4.9</u>
Residual VCM, ppm	ABGC-26	<u>.089</u>		
Inherent Viscosity	ABR-10	<u>.723</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

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CERTIFICATE OF ANALYSIS

VISTA

Date: 5/20/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04925

Attention: L. G. Haefner

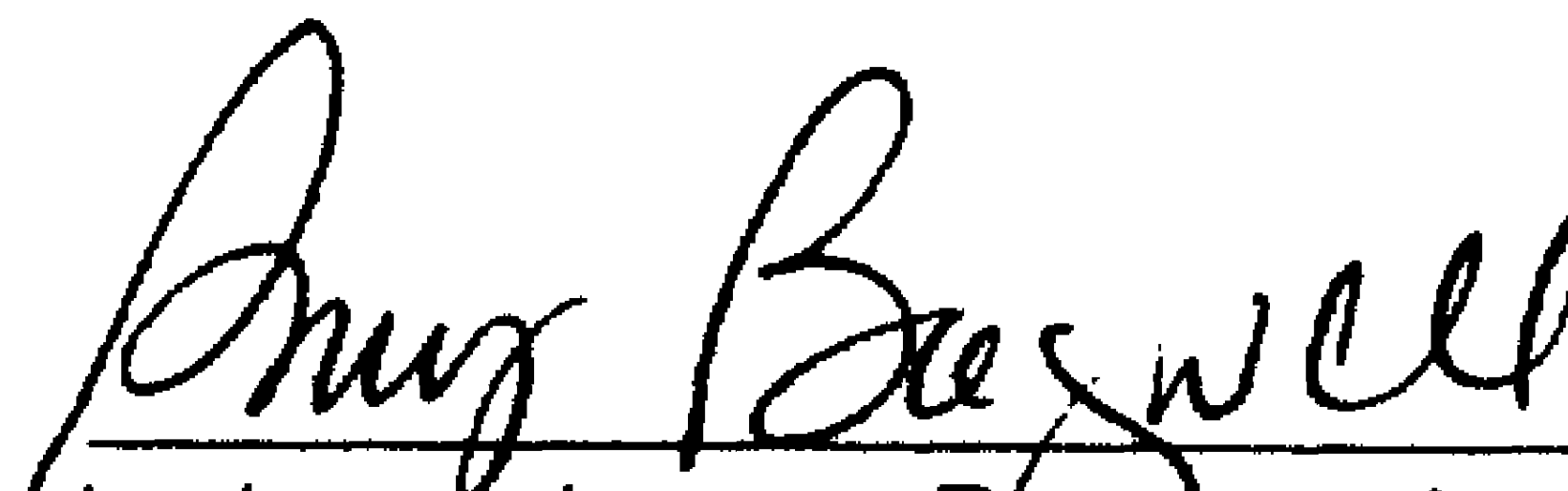
Order No.: 0010528-000

Ship Date: 5/13/92

Trailer No.: T-7620

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	<u>.14</u>
Hard Particles @ 7 min.	ABR-12	<u>1</u>
Bulk Density, gm/cc	ABR-2A	<u>.509</u>
Barbender Dry Time, min.	ABR-7	<u>5.0</u>
Particle Size Dist.	ABR-3 <u>40 mesh</u>	<u>200 mesh</u> <u>Pan</u>
	<u>0.0</u>	<u>7.8</u> <u>2.1</u>
Residual VCM, ppm	ABGC-26	<u>.196</u>
Inherent Viscosity	ABR-10	<u>.96</u>

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04925 PRODUCT: 5395 DATE: 3-27-92 TIME/TESTED BY: 10:25/R31

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/T MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RYCM
			40	60	80	100	120	140	200	PAN					L	A	B			
1+10 COMP. SAMPLES			0.0	0.0	11.2	15.6	41.9	6.3	3.8	1.0		6/10 ²⁴	0	0						
			0.0	0.0	22.4	31.3	23.8	12.6	7.8	2.1	.509	1	5.0	12.1	100.66	0.08	1.24			.196
NO. 1	.12	1/5																		
NO. 4	.08	2/4																	.957	
NO. 7	.11	1/3																	.960	
NO. 10	.13	3/3																		
NO. 13	.12	2/4																		
NO. 16	.14	1/3																		
NO. 19	.13	2/4																		

43,500±

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CERTIFICATE OF ANALYSIS

Date: 5/20/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

VISTA

Lot No.: 04938

Attention: L. G. Haefner

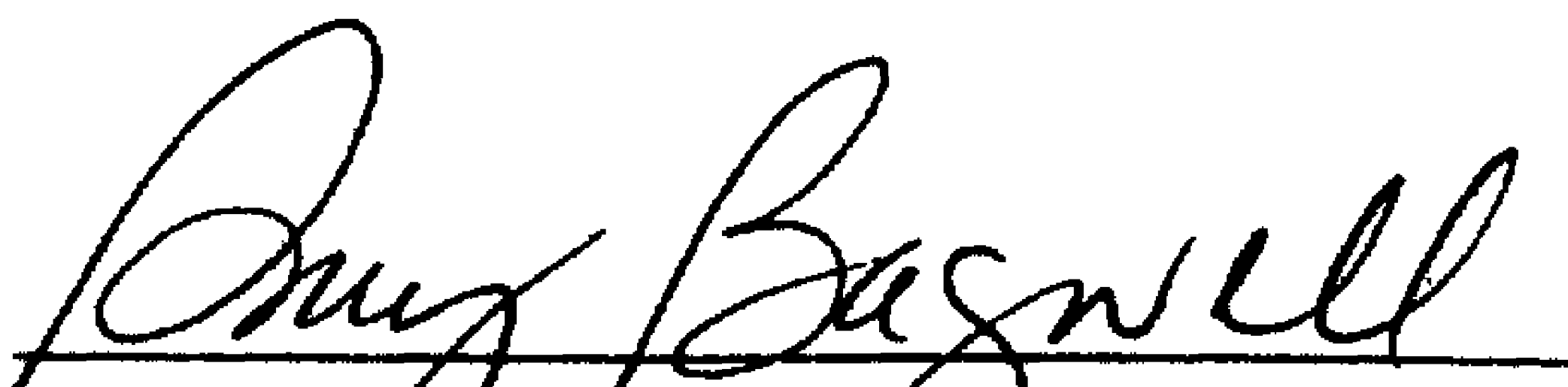
Order No.: 0008322-000

Ship Date: 5/14/92

Trailer No.: T-6626

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>.540</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>15.3</u>	<u>3.5</u>
Residual VCM, ppm	ABGC-26	<u>.077</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04938 PRODUCT: 5265 DATE: 4-17-92 TIME/TESTED BY: CES

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/T MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN					L	A	B			
COMP. SAMPLES			0.00	0.06	3.36	9.12	15.00	13.06	7.14	1.75				61						
			0.0	.1	6.7	18.2	30.1	26.1	15.3	3.5	540			7.7	98.15	.63	1.47			.077
NO. 1	.06	3/5																		
NO. 4	.11	2/7																	.668	
NO. 7	.09	4/3																	.662	
NO. 10	.14	2/9																		
NO. 13	.11	6/3																		
NO. 16	.10	8/4																		
NO. 19	.13	5/7																		

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CERTIFICATE OF ANALYSIS

VISTA

Date: 5/20/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5465

Lot No.: 04942

Attention: L. G. Haefner

Order No.: 0011058-000

Ship Date: 5/19/92

Trailer No.: T-6033

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	<u>.16</u>
Hard Particles @ 7 min.	ABR-12	<u>2</u>
Bulk Density, gm/cc	ABR-2B	<u>.506</u>
Barbender Dry Time, min.	ABR-07	<u>4.7</u>
Particle Size Dist.	ABR-3 <u>40 mesh</u>	<u>200 mesh</u> <u>Pan</u>
		<u>0.0</u> <u>2.9</u> <u>1.3</u>
Residual VCM, ppm	ABGC-26	<u>.025</u>
Inherent Viscosity	ABR-10	<u>1.12</u>


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04942

PRODUCT: 5465

DATE: 4-20-92

TIME/TESTED BY: 1930/TE-MB

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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			40	60	80	100	120	140	200	PAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
COMP. SAMPLES			0.00	1.06	24.94	13.82	51.86	2.28	1.47	0.67	S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

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CERTIFICATE OF ANALYSIS

Date: 5/20/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04964

Attention: L. G. Haefner

Order No.: 0011058-000

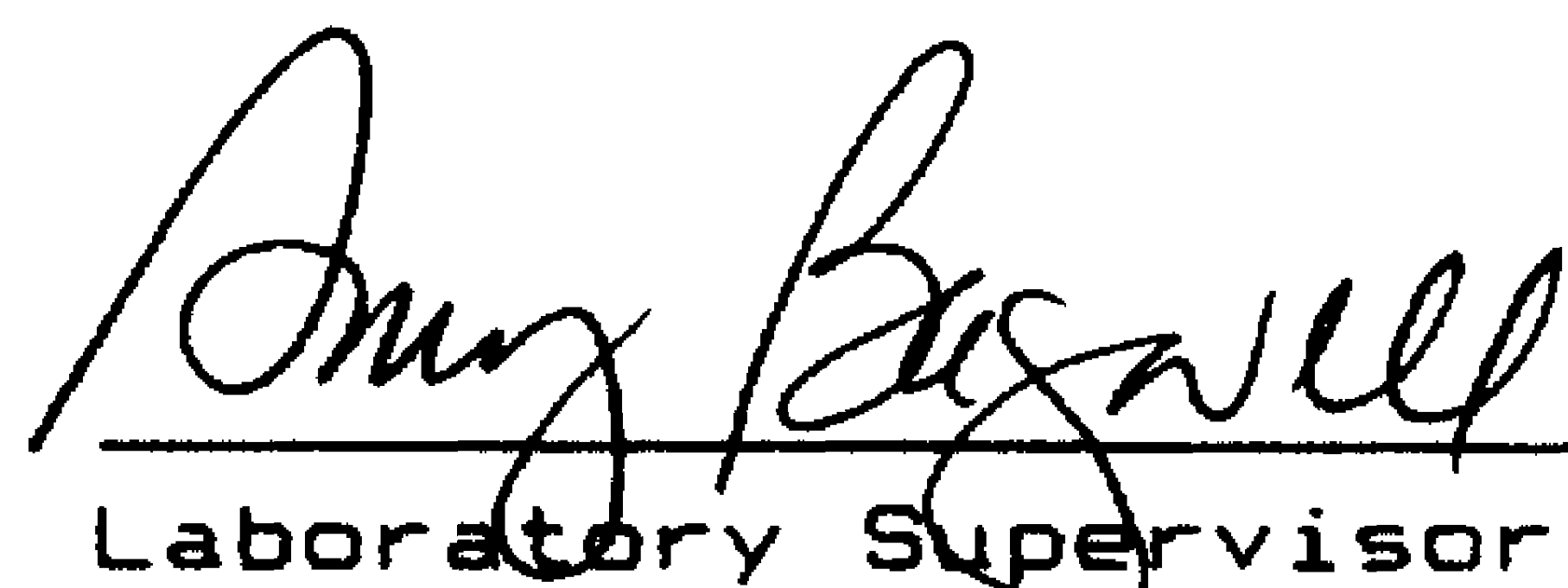
Ship Date: 5/19/92

Trailer No.: T-6033

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.18</u>		
Bulk Density, gm/cc	ABR-2A	<u>.511</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>1.3</u>	<u>2.8</u>
Residual VCM, ppm	ABGC-26	<u>.181</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 0496A PRODUCT: 5305 DATE: 5/15/92 TIME/TESTED BY: 1930 HXR

AVG. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	5/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
COMP. SAMPLES			0.00	0.03	4.95	12.90	17.18	9.85	36.5	1.42				0/						
			0.00	0.1	9.9	25.8	34.4	19.7	7.3	2.8	.511			18.6/100.47	0.43	1.40				.181
NO. 1	.15	4/8																		
NO. 4	.13	5/11																	.717	
NO. 7	.16	6/6																	.718	
NO. 10	.13	4/9																		
NO. 13	.15	9/9																		
NO. 16	.18	9/7																		
NO. 19	.14	8/9																		

release

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A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: May 13, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

Railcar No.: UTCX 46584

Ship Date: May 12, 1992

Order No.: 0009535-002

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.15
Inherent Viscosity	ABR-10	0.51
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		11.3
Pan		2.5
Residual VCM, PPM	ABGC-26	1.129

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.



H.D. Lucas
Laboratory Supervisor

VAB.0001202707

PVC RAILCAR ANALYSIS

UTX

Load Date: 5-9-92Product: 5225Car No.: 46584Time Logged In: 2400Logged In By: MSSilo(s): 688Ship Date: 5/12/92Order No: 0009535-002Customer: Premier

no metal

Compartment	A		CA		CB		B	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.15		.12		.11		.10	
Contamination	BL		10		22		9	
	BR		12		25		4	
Bulk Density	.582		.580		.579		.571	
BD w/antistat								
Viscosity	.513		.512		.517		.514	
RVCM	1.129							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.00</u>	<u>4.96</u>	<u>10.94</u>	<u>15.37</u>	<u>11.67</u>	<u>5.67</u>	<u>1.24</u>
%	<u>0.0</u>	<u>0.0</u>	<u>9.9</u>	<u>21.9</u>	<u>31.1</u>	<u>23.3</u>	<u>11.3</u>	<u>2.5</u>

% Glassies: < 1% Avg. Microns: 137.4Color L: 97.50 a 1.41 b 1.83 Static Flow: 0 / 8.0Technician: M. H. H. H.

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Vista Chemical Company

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Aderdeen, Mississippi 39730-0091
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CERTIFICATE OF ANALYSIS

Date: 5/11/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04950

Attention: L. G. Haefner

Order No.: 0009864-000

Ship Date: 5/10/92

Trailer No.: T6324

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.522</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.00</u>	<u>2.8</u>	<u>1.5</u>
Average Microns		<u>158</u>		
Residual VCM, ppm	ABGC-26	<u>.200</u>		
Inherent Viscosity	ABR-10	<u>.80</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>25.1</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 5/6/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: N/A

Attention: L. G. Haefner

Order No.: 0010723-001

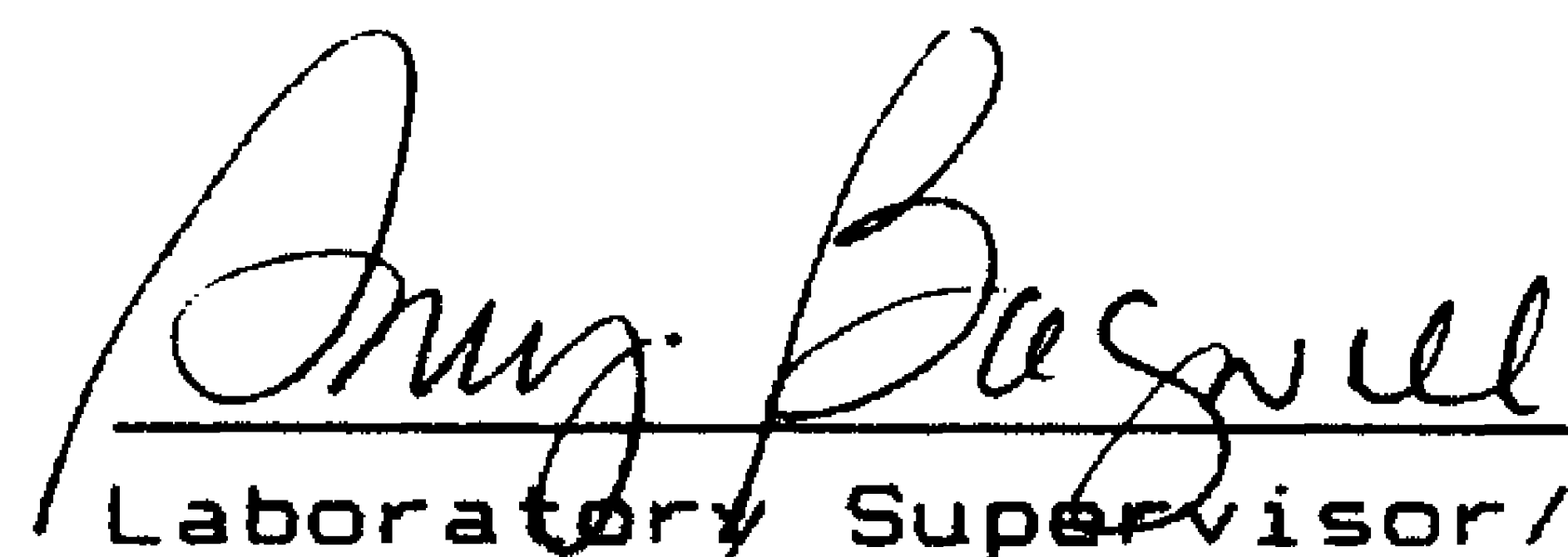
Ship Date: 5/6/92

Trailer No.: T-384

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.09</u>		
Bulk Density, gm/cc	ABR-2A	<u>.512</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>12.4</u>	<u>3.8</u>
Residual VCM, ppm	ABGC-26	<u>.079</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 5-6-92 Product 5305 Trailer Number T-384
Customer Premier Silo 678 Time 0945
Technician MS Order No. 0010723-001

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. .09		1. 3/9		1. —	1. .512	1. —	L = 99.60	Flow % 8.3 731	.079
	2.		2.		2.	2.	2.	A = .31		
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
								B =		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	Pan							Glassy
Mesh Size	40	60	80	100	120	140	200	Part.
Gross Wt.								
Tare								
Net Wt.	0.00	.08	3.99	10.62	15.80	11.37	6.18	1.92
% on Mesh	0.0	.2	8.0	21.2	31.7	22.7	12.4	3.8

Screen Analysis _____ **Min.** **On Rotap shaker** **49 gms. Resin plus** **1.0 gms. Carb**

[illegible]

Remarks _____

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 5/4/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: N/A

Attention: L. G. Haefner

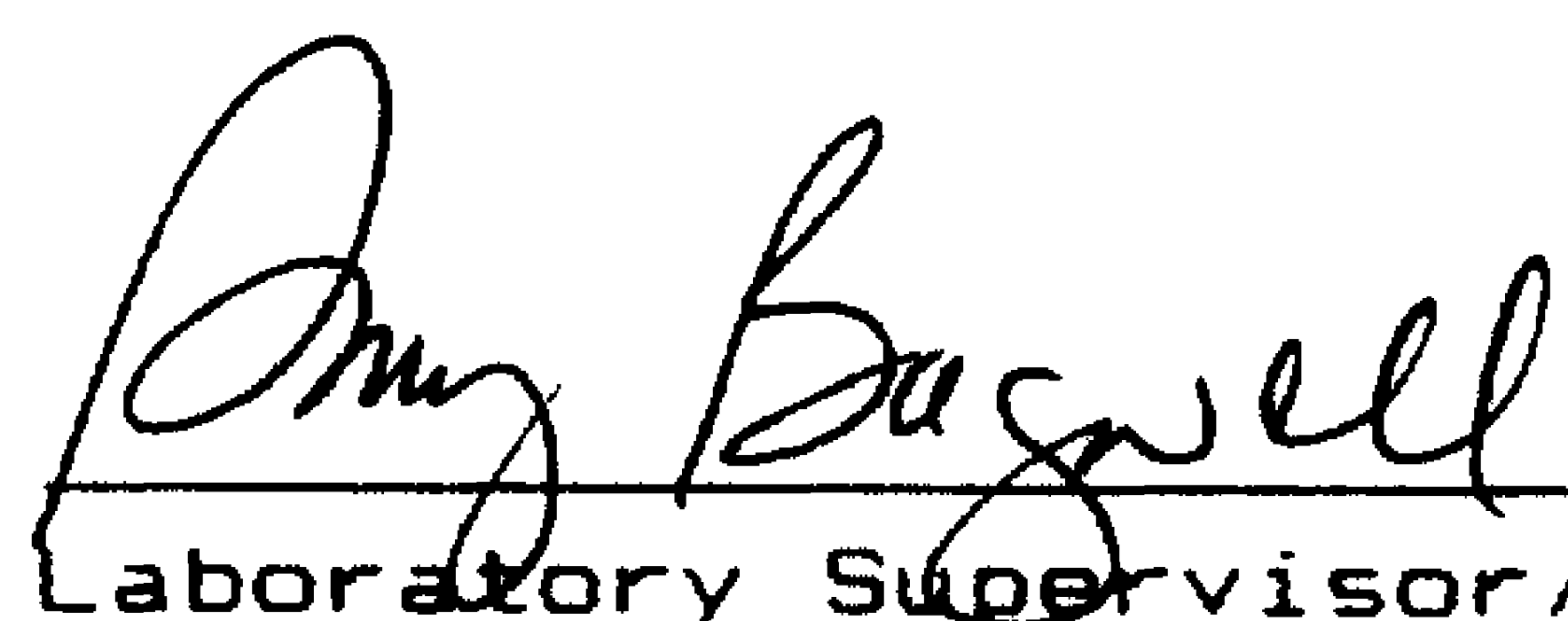
Order No.: 0009859-000

Ship Date: 5/4/92

Trailer No.: T-384

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.534</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>8.0</u>	<u>2.3</u>
Residual VCM, ppm	ABGC-26	<u>.181</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 5-4-92 Product 5305 Trailer Number T-384
 Customer Premier Silo 688 Time 1030
 Technician MB Order No. 0009859-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>11</u>		1. <u>4/7</u>		1.	<u>.534</u>	1.	L = <u>99.98</u> A = <u>.58</u> B = <u>1.73</u>	<u>Flow</u> <u>727</u> <u>8.4</u> <u>.181</u>	
	2.		2.		2.		2.			
MIDDLE	1.		1.		1.		1.	L =		
	2.		2.		2.		2.	A =		
END	1.		1.		1.		1.	B =		
	2.		2.		2.		2.	L =		
								A =		
								B =		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>0.08</u>	<u>6.29</u>	<u>13.82</u>	<u>15.43</u>	<u>9.10</u>	<u>3.98</u>	<u>1.15</u>	
% on Mesh	<u>0.0</u>	<u>.2</u>	<u>12.6</u>	<u>27.8</u>	<u>30.9</u>	<u>18.2</u>	<u>8.0</u>	<u>2.3</u>	

Screen Analysis Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

VAB.0001202714

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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 5/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 0010723-000

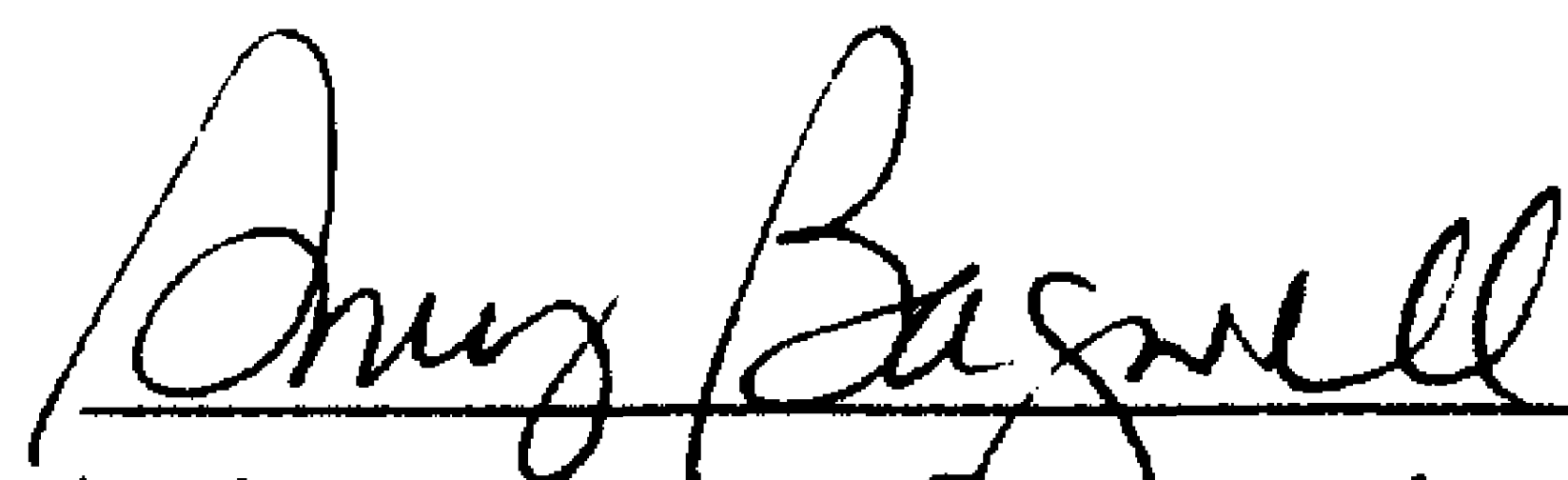
Ship Date: 5/5/92

Trailer No.: T-378

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.08</u>		
Bulk Density, gm/cc	ABR-2A	<u>.518</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>10.8</u>	<u>2.7</u>
Residual VCM, ppm	ABGC-26	<u>.025</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 5-5-72 Product S305 Trailer Number T-378
 Customer Premier Silo 687 Time 1600
 Technician MS Order No. 0010723-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.08</u>		1. <u>3/6</u>		1. <u>-</u>	1. <u>.518</u>	1. <u>—</u>	L = <u>99.99</u>	<u>.732</u> <u>Flow</u> <u>2/8.2</u> <u>.025</u>	
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.49</u>		
								B = <u>1.46</u>		
MIDDLE	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		
END	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>.05</u>	<u>4.46</u>	<u>11.12</u>	<u>16.30</u>	<u>10.55</u>	<u>5.39</u>	<u>1.34</u>	
% on Mesh	<u>0.0</u>	<u>.1</u>	<u>9.0</u>	<u>22.2</u>	<u>34.1</u>	<u>21.1</u>	<u>10.8</u>	<u>2.7</u>	

Screen Analysis Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

VAB.0001202716

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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

VISTA

Date: 5/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5415

Lot No.: 04830

Attention: L. G. Haefner

Order No.: 0009857-000

Ship Date: 5/4/92

Trailer No.: T-6481

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	<u>.14</u>
Hard Particles @ 7 min.	ABR-12	<u>2</u>
Bulk Density, gm/cc	ABR-2B	<u>.493</u>
Barbender Dry Time, min.	ABR-07	<u>4.9</u>
Particle Size Dist.	ABR-3	<u>40 mesh</u> <u>200 mesh</u> <u>Pan</u>
		<u>0.0</u> <u>5.6</u> <u>1.8</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>
Inherent Viscosity	ABR-10	<u>1.02</u>


Laboratory Supervisor/Lead

" Bag Blend "

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 11-28-91

Product Type 5415

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Black Unbleached	Static Flow	L & N Values			CPA		Visc.
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy		
04830	1030 Code 5415	BAGS	1 + 10	—	0.00	0.17	15.03	16.71	10.06	4.47	2.79	0.90	6/126	.493	4.9	—	10.4	20	50	80			1.02
					0.00	0.3	30.1	33.4	19.9	8.9	5.6	1.8						10.45	0.07	1.27			
			m/c #1	.11													20	50	80			1.02	
			m/c #4	.14														20	50	80			1.02
			m/c #7	.12														20	50	80			
			m/c #10	.10														20	50	80			
			m/c #13	.14														20	50	80			
			m/c #16	.11														20	50	80			
			m/c #19	.11														20	50	80			

CERTIFICATE OF ANALYSIS

Date: 5/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04939

VISTA

Attention: L. G. Haefner

Order No.: 0009859-000

Ship Date: 5/4/92

Trailer No.: T-444815

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>.550</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>14.2</u>	<u>3.0</u>
Residual VCM, ppm	ABGC-26	<u>.298</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN DAG BLEND

BLEND NO: 04939 PRODUCT: 5265 DATE: 4-18-92 TIME/TESTED BY: G+ES

AVG. MICRONS, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/T MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCM
			40	60	80	100	120	140	200	PAN					L	A	B			
COMP. SAMPLES			0.00	0.08	4.36	10.04	14.90	12.06	7.08	1.48										
			0.0	2	8.7	20.1	29.7	29.1	14.2	3.0	550			10/2.7	99.12	.18	1.51			.298
NO. 1	.11	2/5																		
NO. 4	.09	3/4																	.667	
NO. 7	.05	6/8																	.664	
NO. 10	.10	4/3																		
NO. 13	.14	2/5																		
NO. 16	.13	4/7																		
NO. 19	.10	3/4																		

Vista Polymers
A Division of
Vista Chemical Company

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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 5/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04934

Attention: L. G. Haefner

Order No.: 0009862-000

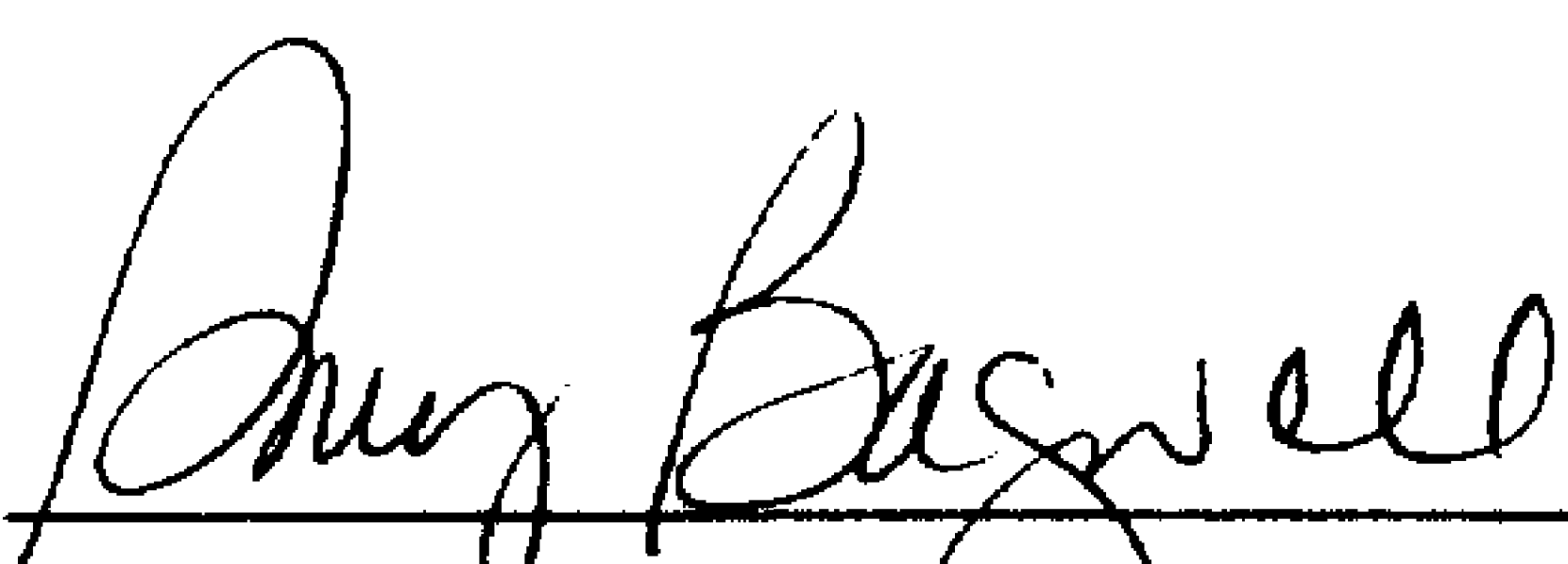
Ship Date: 5/1/92

Trailer No.: T-628Z

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.09</u>		
Bulk Density, gm/cc	ABR-2A	<u>.531</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>15.1</u>	<u>4.2</u>
Residual VCM, ppm	ABGC-26	<u>.046</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04934 PRODUCT: 5305 DATE: 4-9-92 TIME/TESTED BY: 10:20 RGL

Avg. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
			PARTICLE SIZE DISTRIBUTION																	
			40	60	80	100	120	140	200	PAN										
COMP. SAMPLES			0.00	0.09	2.74	9.65	15.48	12.31	7.53	2.11				0/						
			0.0	2	5.5	19.3	31.5	24.2	15.1	4.2	.531	-	-	18.5	99.82	0.21	1.47	21%		.046
NO. 1	.07	10/19																		.722
NO. 4	.07	8/15																		.722
NO. 7	.08	6/12																		.
NO. 10	.06	5/15																		
NO. 13	.06	4/10																		
NO. 16	.07	6/11																		
NO. 19	.08	5/10																		

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CERTIFICATE OF ANALYSIS

VISTA

Date: 5/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04918

Attention: L. G. Haefner

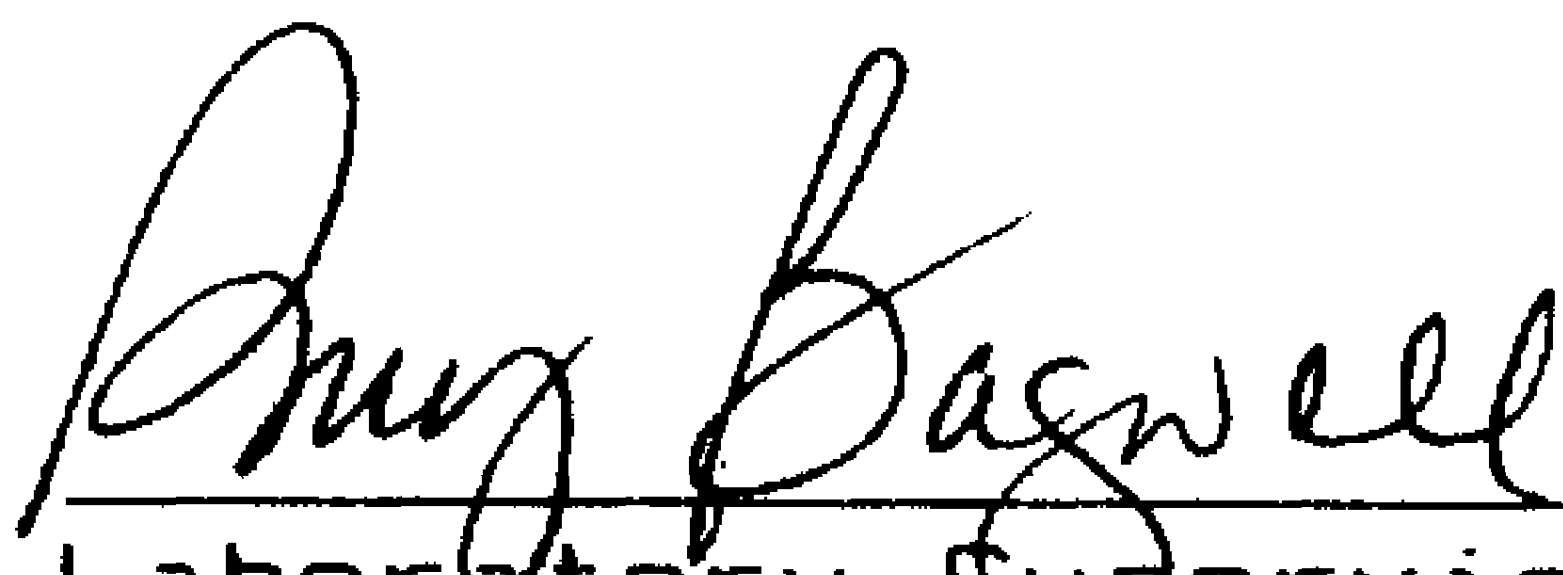
Order No.: 0009857-000

Ship Date: 5/4/92

Trailer No.: T-6481

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.26</u>		
Hard Particles @ 7 min.	ABR-12	<u>2</u>		
Bulk Density, gm/cc	ABR-2A	<u>.508</u>		
Barbender Dry Time, min.	ABR-7	<u>4.5</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>10.5</u>	<u>1.9</u>
Residual VCM, ppm	ABGC-26	<u>.010</u>		
Inherent Viscosity	ABR-10	<u>.96</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Vinyl Sample Log

સર્વેક્ષણ

Product Type

[illegible]

Vista Polymers
A Division of
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Post Office Box 91

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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

VISTA

Date: 5/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5465

Lot No.: 04910

Attention: L. G. Haefner

Order No.: 0009857-000

Ship Date: 5/4/92

Trailer No.: T-6481

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>						
Moisture, %	ABR-1A	<u>.19</u>						
Hard Particles @ 7 min.	ABR-12	<u>1</u>						
Bulk Density, gm/cc	ABR-2B	<u>.501</u>						
Barbender Dry Time, min.	ABR-07	<u>4.9</u>						
Particle Size Dist.	ABR-3	<table><thead><tr><th><u>40 mesh</u></th><th><u>200 mesh</u></th><th><u>Pan</u></th></tr></thead><tbody><tr><td><u>0.0</u></td><td><u>4.5</u></td><td><u>1.5</u></td></tr></tbody></table>	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	<u>0.0</u>	<u>4.5</u>	<u>1.5</u>
<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>						
<u>0.0</u>	<u>4.5</u>	<u>1.5</u>						
Residual VCM, ppm	ABGC-26	<u>.021</u>						
Inherent Viscosity	ABR-10	<u>1.11</u>						


Laboratory Supervisor/Lead

Regulars or Bags

Page ____ of ____ pages

Vinyl Sample Log

Date 3-12-92

Product Type 5465

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Black unbleached	Static Flow	L & N Values			CPA		Visc.
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy		
04910	1700 PX		Reg 1410												4 MB		0	20	50	80			1.108
						0.6	0.33	19.4	16.95	7.35	3.61	2.26	0.74										
						0.0	0.0	38.8	33.9	14.1	7.2	4.5	1.5										
			1		.16												6	20	50	80			
			4		.17												15	20	50	80			
			7		.14												10	20	50	80			
			10		.19												7	20	50	80			
				</																			

VAB 0001202726

Adjusted 2154

22,500. 10 studs

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 4/27/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04935

Attention: L. G. Haefner

Order No.: 0010060-000

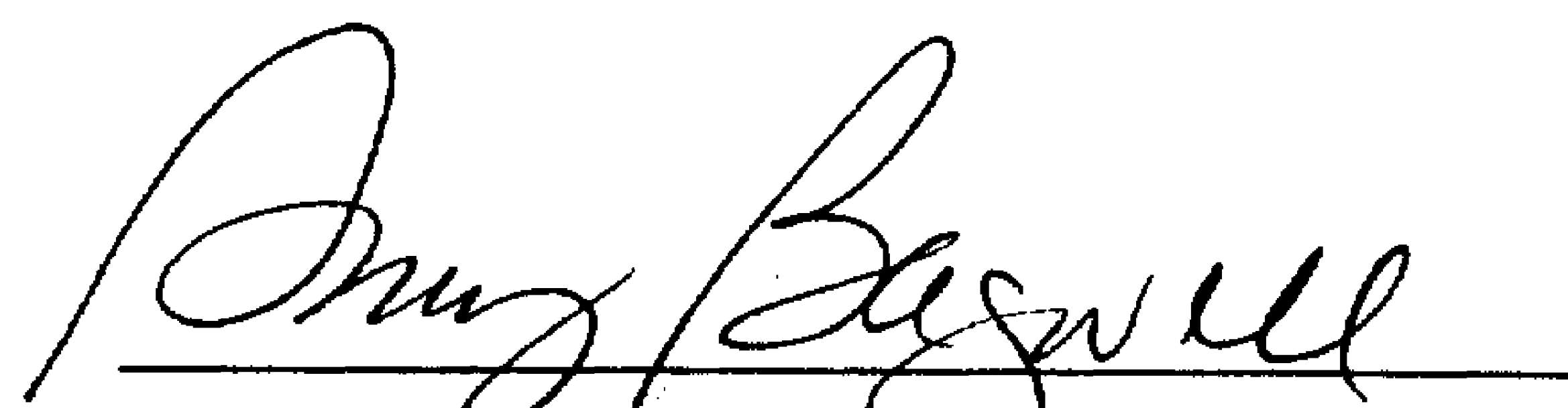
Ship Date: 4/22/92

Trailer No.: T-496096

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.12</u>		
Bulk Density, gm/cc	ABR-2A	<u>.532</u>		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		<u>0.0</u>	<u>11.8</u>	<u>4.1</u>
Residual VCM, ppm	ABGC-26	<u>.014</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04935 PRODUCT: 5305 DATE: 4-9-92 TIME/TESTED BY: BxAL

Avg. Microns, 5225/5325/5415: _____

SKID NO.	X MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION								BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			CPA	GLASSY X	VISC.	RVCH
			PARTICLE SIZE DISTRIBUTION																		
			40	60	80	100	120	140	200	PAN											
COMP. SAMPLES			0.00	0.18	3.60	11.02	16.14	11.39	5.89	2.06			—	0/716	99.55	28	1.53			014	
NO. 1	.10	6/6																			
NO. 4	.09	10/5																			
NO. 7	.07	11/6																			
NO. 10	.10	9/7																			
NO. 13	.12	6/5																			
NO. 16	.08	18/12																			
NO. 19	.10	4/8																			

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 4/20/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04914

Attention: L. G. Haefner

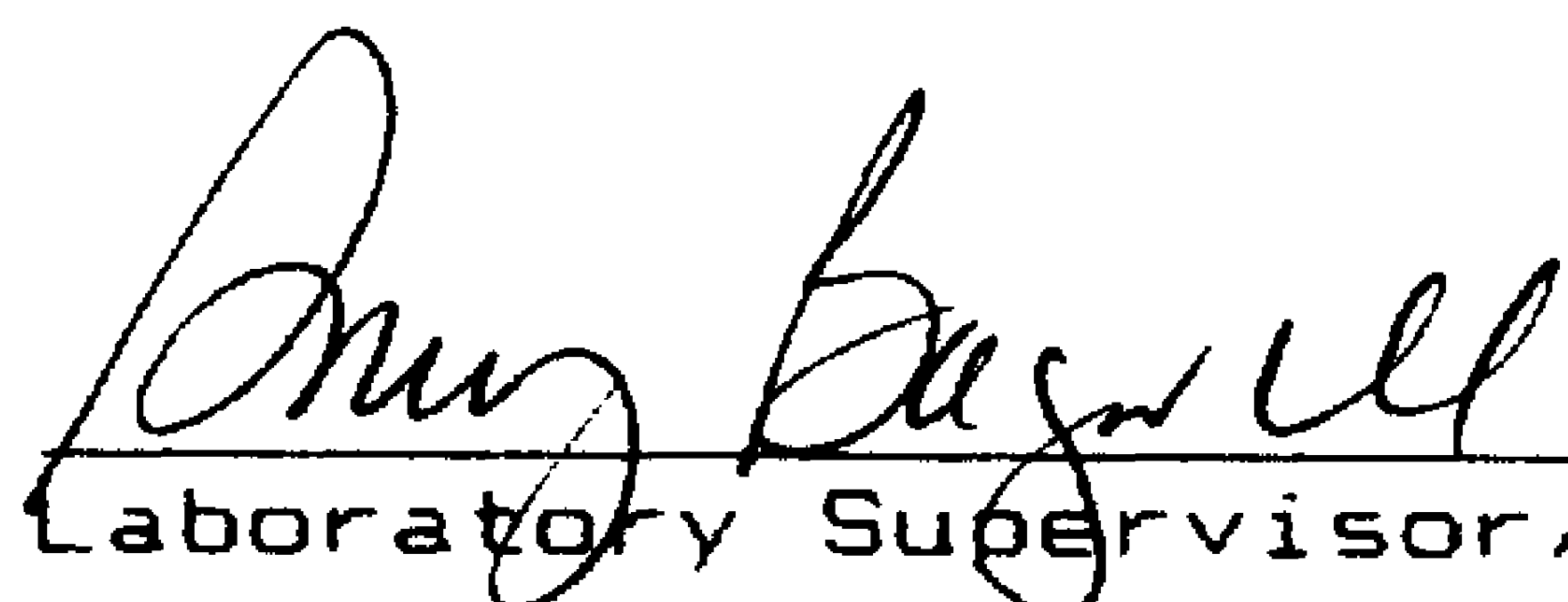
Order No.: 0009052-001

Ship Date: 4/16/92

Trailer No.: T 8258

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.481</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>5.5</u>	<u>1.5</u>
Average Microns		<u>147</u>		
Residual VCM, ppm	ABGC-26	<u>.921</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>26.0</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 3-14-92

Product Type 5325

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Breakdown	Static Flow	L & N Values			CPA		Visc.			
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy					
D4914	10:30 RH	bags	10 SKID		1.34	26.54	46.13	47.18	19.67	4.95	.56						microns 146.9		1	20	50	80		26.0		
					0.0	0.22	6.21	14.16	12.57	8.56	2.75	.77														
					0.0	.4	12.4	28.3	34.8	17.1	5.5	1.5		P		481	-	99.98		0.50	1.74	41%				
																		20		50	80			.810		
			1	.11															3 5 2 7						.810	
			4	.10																					.810	
			7	.10															4 5 1 6							
			10	.07																						
			13	.09															2 5							
			16	.08															3 4							
			19	No																						

VAB.00

39,700#

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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 4/20/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04911

Attention: L. G. Haefner

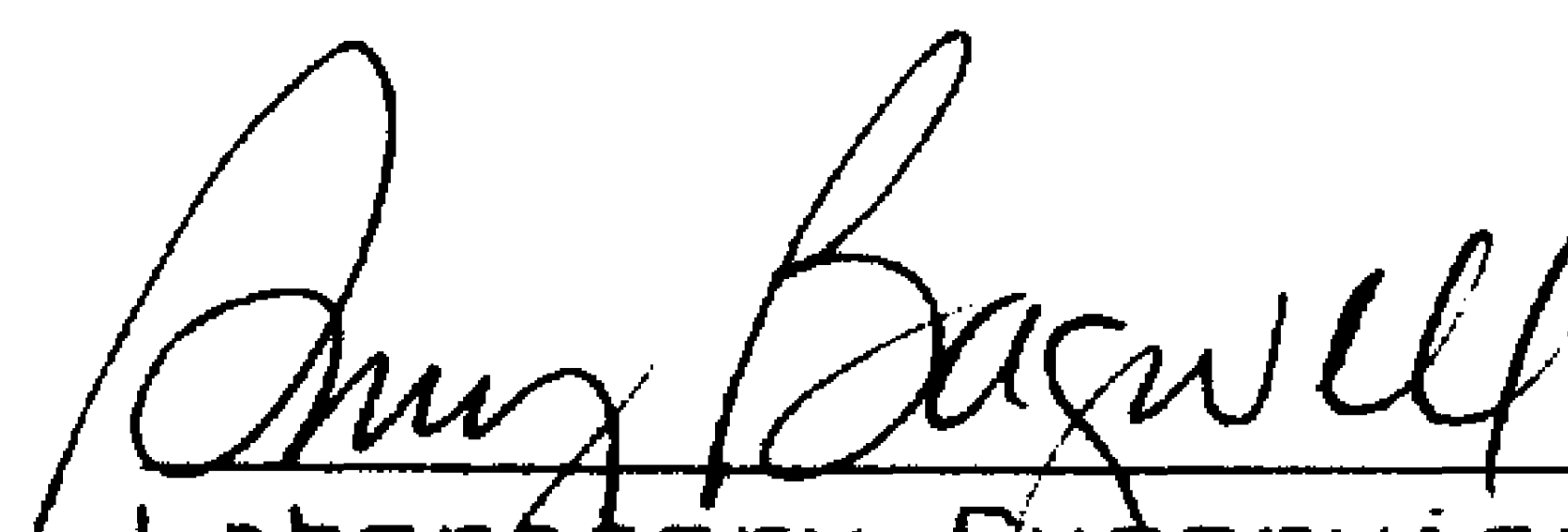
Order No.: 0009052-001

Ship Date: 4/16/92

Trailer No.: T 8258

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.17</u>		
Bulk Density, gm/cc	ABR-2A	<u>.491</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.3</u>	<u>1.7</u>
Average Microns		<u>144</u>		
Residual VCM, ppm	ABGC-26	<u>.067</u>		
Inherent Viscosity	ABR-10	<u>.80</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>25.9</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

"Bag Blend"

401230

Regulars or Bags

Page ____ of ____ pages

Date 3-12-92

Product Type 5325

Vinyl Sample Log

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution										HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Bleed Back	Static Flow	L & N Values			CPA	Visc.	
					40	60	80	100	120	140	200	Pan	L	A						B					
04911	2/20/00	BAGS	1	—	0	.167	23.11	44.33	48.22	21.31	5.67	.63	—	—	—	—	—	—	20	50	80	—	—		
			4	—	0.00	.12	5.40	13.60	17.09	9.30	3.13	.85	P	—	—	—	—	—	—	—	—	25.9	—		
			10	—	0.0	.2	10.8	27.23	35.2	18.6	6.3	1.7	—	—	—	—	—	—	99.47	46	1.66	<17	—	—	
			m/c	.12															20	50	80			.802	
			4	.14														20	50	80					.809
			7	.16														20	50	80					
			10	.14														20	50	80					
			13	.17														20	50	80					
			16	.14														20	50	80					
			19	.15														20	50	80					

VAB.0

RVCN-067

Vista Polymers
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Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 4/20/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04905

Attention: L. G. Haefner

Order No.: 0008321-000

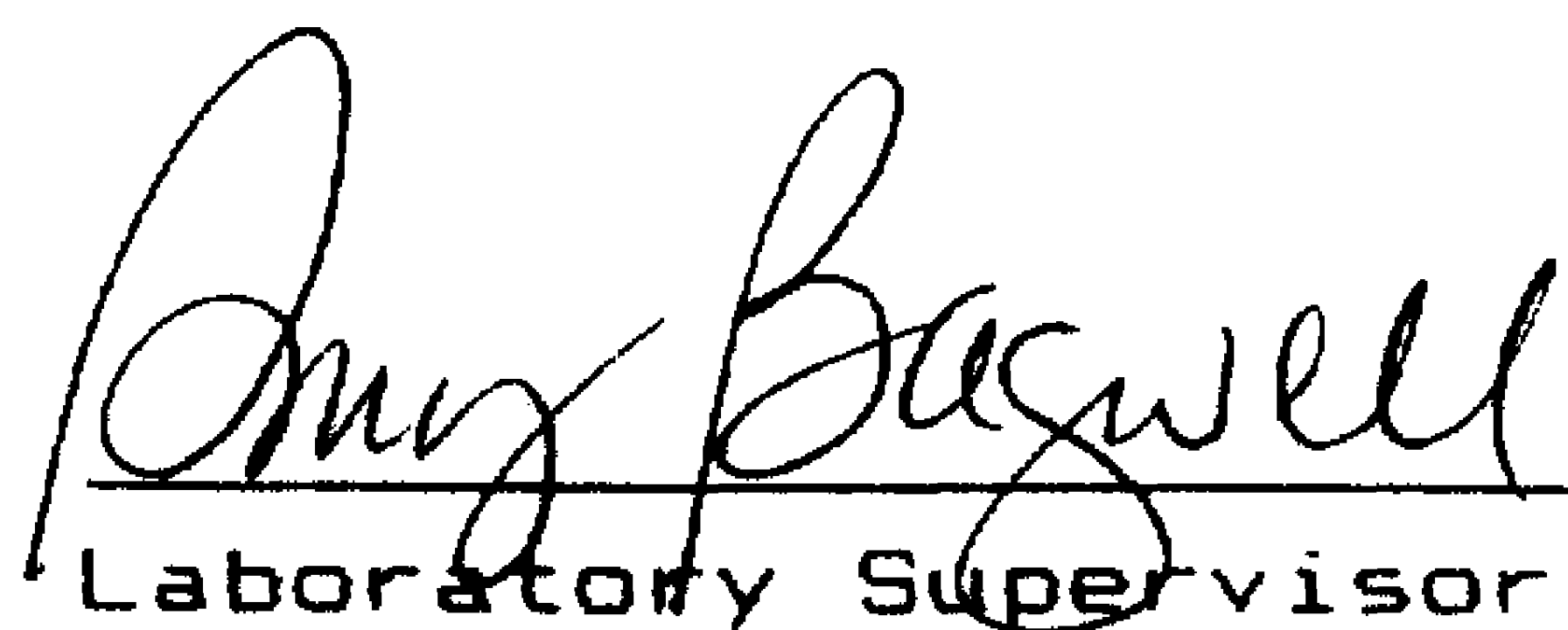
Ship Date: 4/16/92

Trailer No.: T 6746

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.16</u>		
Bulk Density, gm/cc	ABR-2A	<u>.550</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.4</u>	<u>2.4</u>
Residual VCM, ppm	ABGC-26	<u>.083</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 3-9-92

Product Type 5265

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. %	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04905	BAG	BAG	1	-									-				0	20	50	80		
			4	-	0.0	0.11	6.42	11.61	15.19	10.82	4.70	1.20	-				8.1	99.37	0.37	1.46		
			10	-	0.0	0.2	12.8	23.2	30.4	21.6	9.4	2.4	P	.550				20	50	80		
																		20	50	80		.667
			7	.12														20	50	80		
																		20	50	80		
			4	.11														20	50	80		.664
																		20	50	80		
			7	.16														20	50	80		
																		20	50	80		
			10	.13														20	50	80		
																		20	50	80		
			13	.07														20	50	80		
																		20	50	80		
			16	.09														20	50	80		
																		20	50	80		
			19	.06														20	50	80		
																		20	50	80		
																		20	50	80		
																		20	50	80		

Rem - 083

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A Division of
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Highway 25
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Aderdeen, Mississippi 39730-0091
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CERTIFICATE OF ANALYSIS

VISTA

Date: 4/15/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5465

Lot No.: 04909

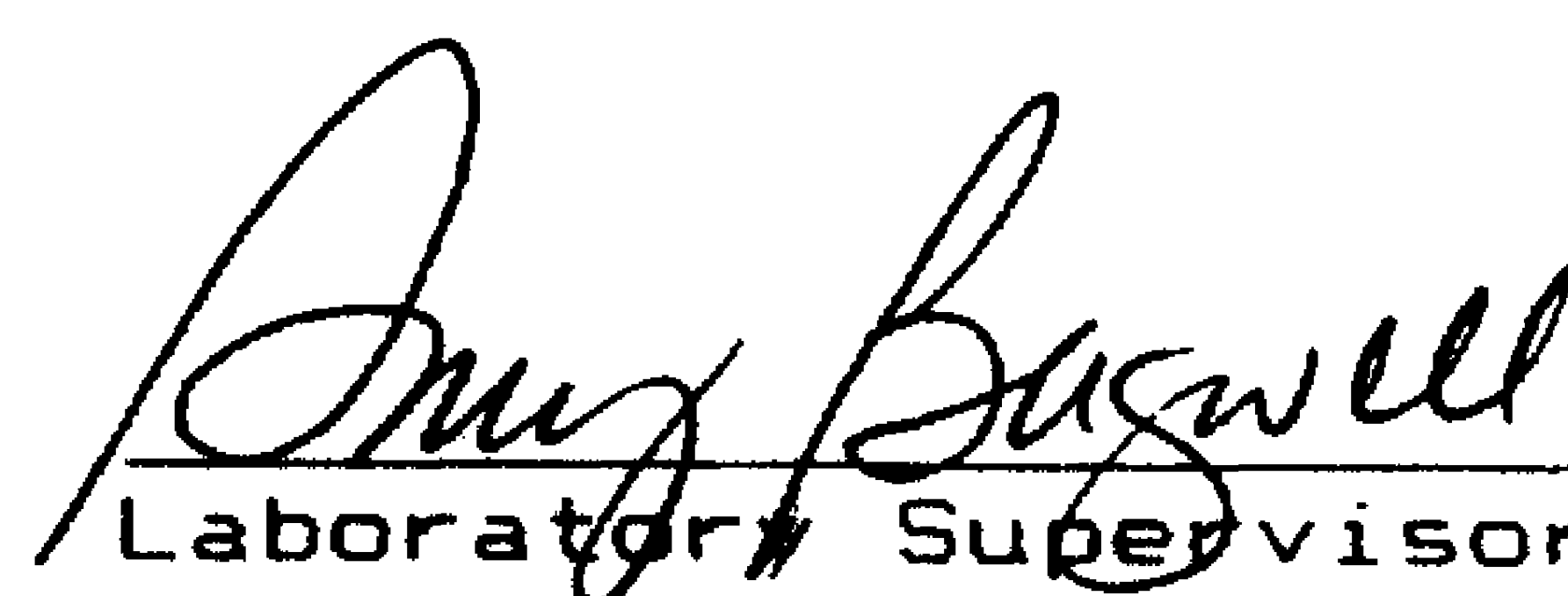
Attention: L. G. Haefner

Order No.: 0009791-000

Ship Date: 4/14/92

Trailer No.: T 7910

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>						
Moisture, %	ABR-1A	<u>.17</u>						
Hard Particles @ 7 min.	ABR-12	<u>2</u>						
Bulk Density, gm/cc	ABR-2B	<u>.467</u>						
Barbender Dry Time, min.	ABR-07	<u>4.9</u>						
Particle Size Dist.	ABR-3	<table><thead><tr><th><u>40 mesh</u></th><th><u>200 mesh</u></th><th><u>Pan</u></th></tr></thead><tbody><tr><td><u>0.0</u></td><td><u>3.3</u></td><td><u>1.3</u></td></tr></tbody></table>	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	<u>0.0</u>	<u>3.3</u>	<u>1.3</u>
<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>						
<u>0.0</u>	<u>3.3</u>	<u>1.3</u>						
Residual VCM, ppm	ABGC-26	<u>.019</u>						
Inherent Viscosity	ABR-10	<u>1.12</u>						


Laboratory Supervisor/Lead

Vinyl Sample Log

[illegible]

42,750

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CERTIFICATE OF ANALYSIS

Date: 4/14/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04906

Attention: L. G. Haefner

Order No.: 0009466-000

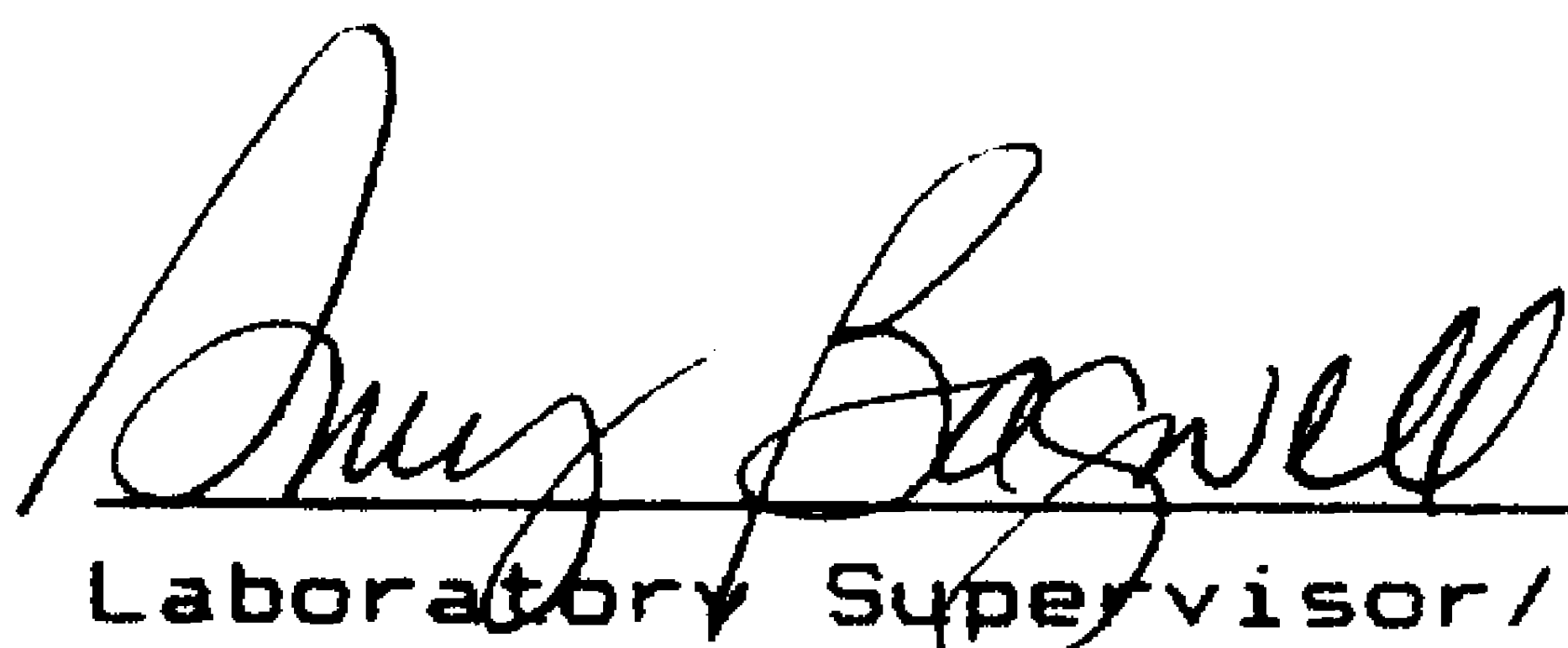
Ship Date: 4/9/92

Trailer No.: T 6848

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.18</u>		
Bulk Density, gm/cc	ABR-2A	<u>.550</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.6</u>	<u>2.8</u>
Residual VCM, ppm	ABGC-26	<u>.064</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Vinyl Sample Log

- BAG Blend -

Date 3-10-92

Product Type 5265

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Break	Static Flow	L & N Values			CPA Glassy	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04906	1000 16	B A 6 5	1										-				0	20	50	80		
			+		0.00	.11	6.23	11.57	15.24	10.64	4.80	1.40										
			10	-	0.0	.2	12.5	23.1	30.5	21.3	9.6	2.8	P	.550	-			99.08	0.39	1.46		
																		20	50	80		.661
			1														5 6	20	50	80		
			4														5 10	20	50	80		
																						.661
			7														5 11	20	50	80		
			10														4 9 3 12	20	50	80		
			13														4 9 3 8	20	50	80		
			16														4 9 3 8	20	50	80		
			19														4 9 3 8	20	50	80		

RVCN-.064

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Post Office Box 91

Aberdeen, Mississippi 39730
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A 1

CERTIFICATE OF ANALYSIS

Date: 4/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 04929

Attention: L. G. Haefner

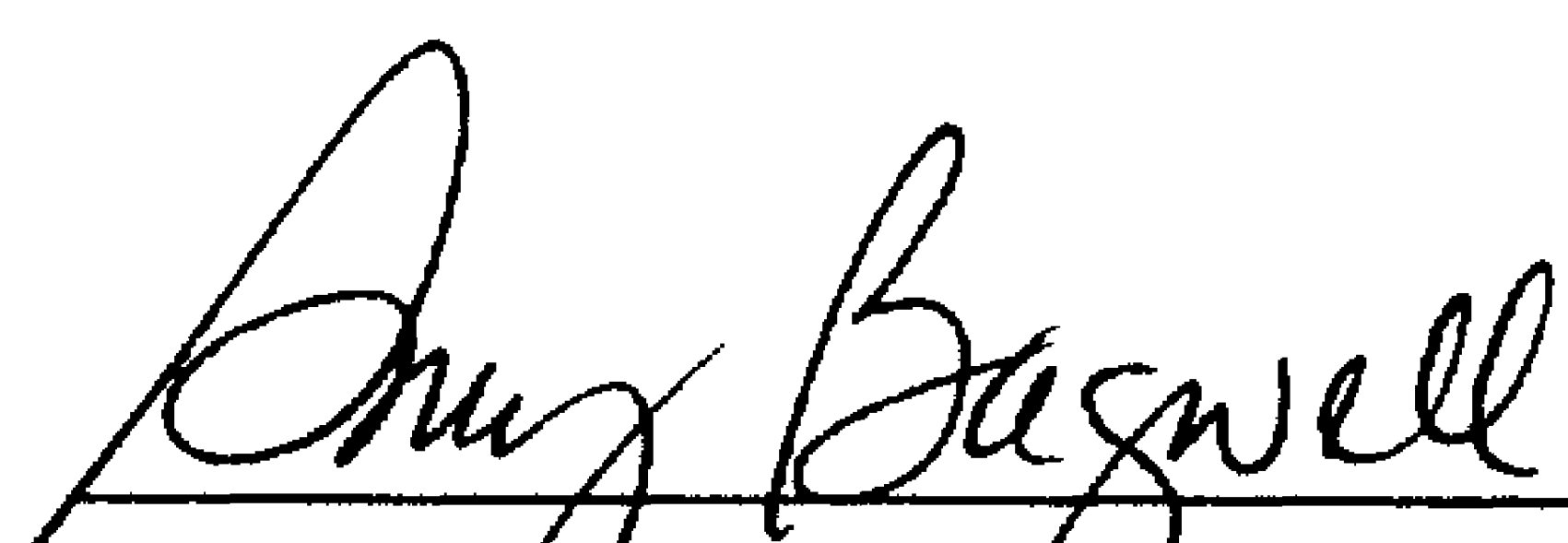
Order No.: 0009394-001

Ship Date: 4/8/92

Trailer No.: T-8174

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.13</u>		
Bulk Density, gm/cc	ABR-2A	<u>.518</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>11.5</u>	<u>4.7</u>
Residual VCM, ppm	ABGC-26	<u>.006</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04929 PRODUCT: 5305 DATE: 4/1/92 TIME/TESTED BY: 0720/ADL

AVG. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION										BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	COLOR			% GLASSY	VISC.	RVCN
											PAN											
			40	60	80	100	120	140	200													
COMP. SAMPLES			0.00	0.01	4.15	11.40	15.73	10.60	5.93	2.34				0								
			0.0	0.0	8.3	22.8	31.5	21.2	11.5	4.7	.518			—	18.3	100.14	0.09	1.44				.006
NO. 1	.11	3/4																				
NO. 4	.09	3/5																				
NO. 7	.07	2/3																				
NO. 10	.13	4/8																				
NO. 13	.07	5/13																				
NO. 16	.10	5/12																				
NO. 19	.12	2/4																				

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CERTIFICATE OF ANALYSIS

Date: April 10, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

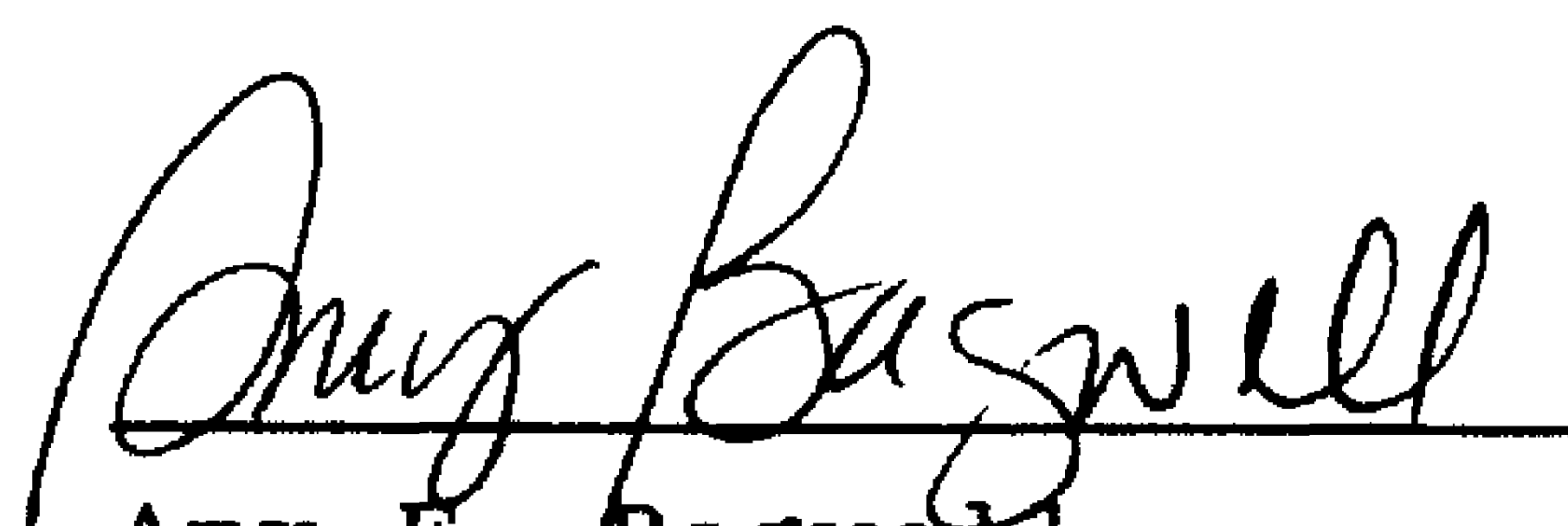
Railcar No: PTLX 42185

Attention: L. G. Haefner

Order No.: 0008458-000

Ship Date: April 7, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.05
Bulk Density	ABR-2A	0.494
Brabender Dry Time, Mins	ABR-7	4.7
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		5.1
Pan		1.6
Residual VCM, PPM	ABGC-26	0.021
Inherent Viscosity	ABR-10	1.02


Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

Vista Polymers

Highway 25

Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 3-15-92Product: 5415Car No.: 42185Time Logged In: 0200Logged In By: M-TSilo(s): 690, 691Ship Date: 4/7Order No: 8458-000Customer: PremierNO Metal

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.04		.04		.05		.03	
Contamination	BL 3 9	4 7	4 6	3 11	3 10	2 8	3 9	4 7
Bulk Density	.491		.497		.495		.492	
Hard Particle	5 7 12 690	—	—	—	—	—	—	—
Viscosity	1.016							
RVCM	.021							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>20</u>	<u>.30</u>	<u>18.31</u>	<u>15.64</u>	<u>8.67</u>	<u>3.87</u>	<u>2.53</u>	<u>.79</u>
% P	<u>0.0</u>	<u>.6</u>	<u>36.6</u>	<u>31.3</u>	<u>17.1</u>	<u>7.7</u>	<u>5.1</u>	<u>1.6</u>

Drytime: 4.7 Static Flow: 0 13.0 Avg. Microns: 168.8Color L: 100.97 a: 0.17 b: 1.249000 125.8
METS: 114.7, 127.9 %Technician: M.T & R.H

CERTIFICATE OF ANALYSIS

Date: 4/7/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04913

Attention: L. G. Haefner

Order No.: 0009052-000

Ship Date: 4/2/92

Trailer No.: T-6910

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.19</u>		
Bulk Density, gm/cc	ABR-2A	<u>.506</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>7.6</u>	<u>2.1</u>
Average Microns		<u>142</u>		
Residual VCM, ppm	ABGC-26	<u>1.405</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>25.5</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Page **of** **pages**

Product Type \$325

VAB.0001202744

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CERTIFICATE OF ANALYSIS

Date: 4/7/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04904

Attention: L. G. Haefner

Order No.: 0007032-000

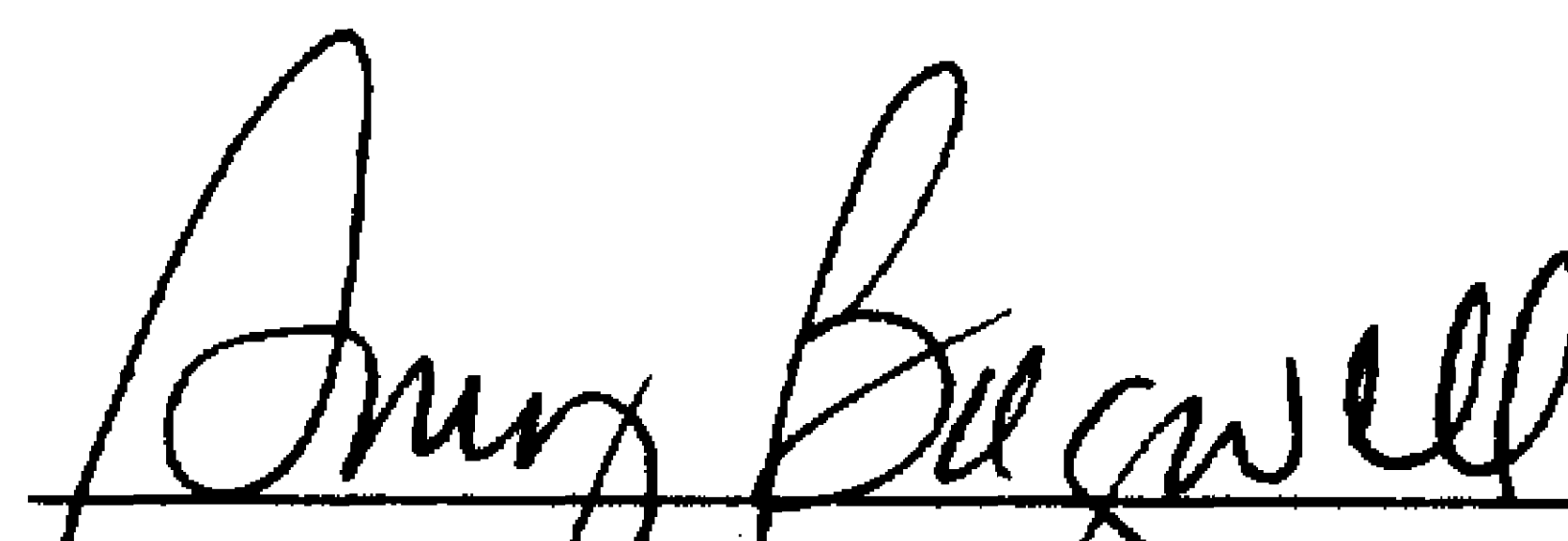
Ship Date: 4/2/92

Trailer No.: T-5450

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.539</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>7.3</u>	<u>1.8</u>
Residual VCM, ppm	ABGC-26	<u>.252</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Vinyl Sample Log

- BAG Blend -

Date 3-9-92

Product Type 5265

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution							HP Screen Set	Bulk G./C.C.	Dry Time	Cont. (moisture)	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan					L	A	B		
04904	0930 165	BAG	1														20	50	80		
			+		0.00	.21	7.62	12.88	15.44	9.36	3.64	.91									
			10		0.0	A	15.2	25.8	30.8	18.7	7.3	1.8	P			8.4	99.60	0.31	1.45		
																	20	50	80		
			1	.02																	.662
			4	.10																	
			7	.09																	
			10	.08																	
			13	.06																	
			16	.08																	
			19	.09																	

RVCN .252 .664

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Aberdeen, Mississippi 39730
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: 4/7/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 04928

Attention: L. G. Haefner

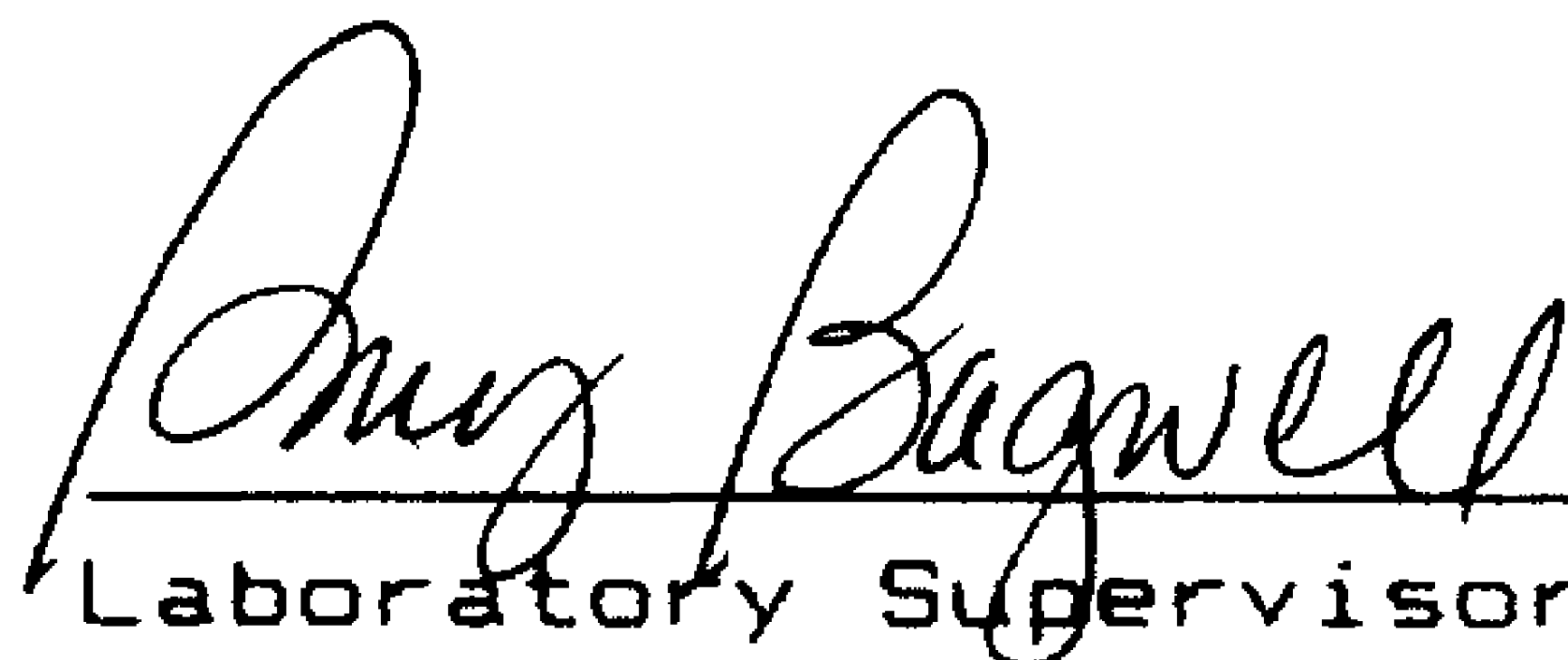
Order No.: 0009394-000

Ship Date: 4/3/92

Trailer No.: T-4112

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.07</u>		
Bulk Density, gm/cc	ABR-2A	<u>.516</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.4</u>	<u>3.7</u>
Residual VCM, ppm	ABGC-26	<u>.004</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04928

PRODUCT: 5305

DATE: 3-31-92

TIME/TESTED BY: 2130/R34

AVG. Microns, 5225/5325/5415: _____

SKID NO.	% MOIST	BLK/ BRN CONT	PARTICLE SIZE DISTRIBUTION										BULK DENS	S/7 MIN. H/P	DRY TIME	STATIC FLOW	C O L O R			% GLASSY	VISC.	RVCN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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1-12 SKID COMP. SAMPLES			0.00	0.04	4.77	11.91	16.23	10.12	4.67	1.83																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 4/7/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 04924

Attention: L. G. Haefner

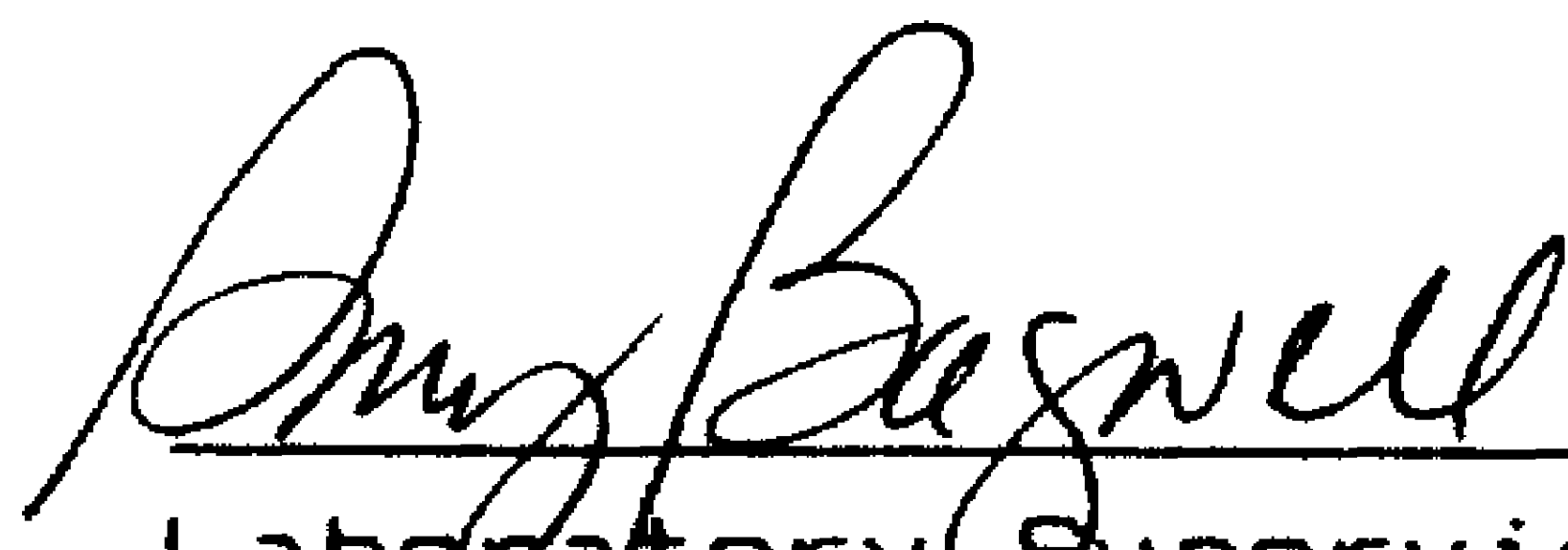
Order No.: 0009344-000

Ship Date: 4/2/92

Trailer No.: T-5382

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.533</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>17.9</u>	<u>3.1</u>
Residual VCM, ppm	ABGC-26	<u>.052</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 3-26-92

Product Type 5305

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Break	Static Flow	L & N Values			CPA		Visc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
04924	10:50 RN bags	-	1/10 skid			0.20	2.13	7.87	15.06	13.82	8.96	1.54	P	.533		8.4	20	50	80	99.73	0.45	1.73	<1%	RVK .05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
																	0.0	.4	4.3	15.7	31.0	27.6	17.9		3.1	20	50	80	.730	#1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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A Division of
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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: April 3, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

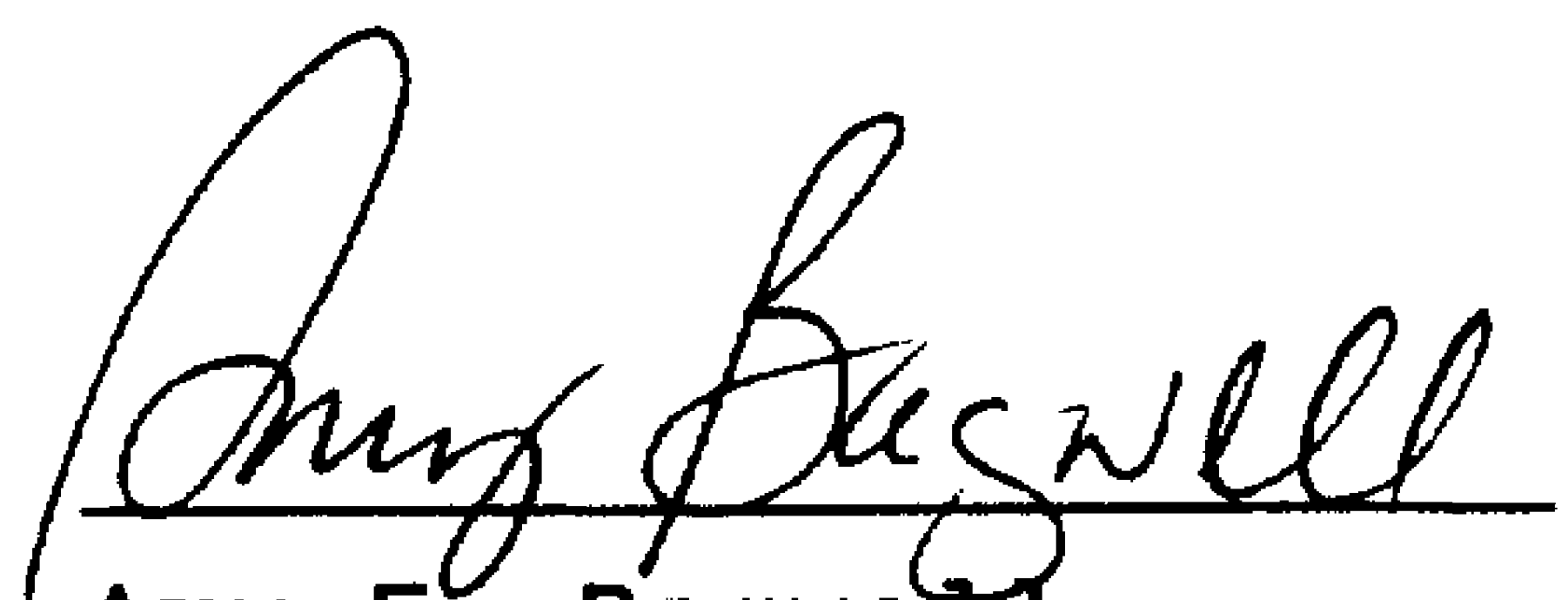
Railcar No.: VIPX 45910

Ship Date: April 1, 1992

Order No.: 0006956-003

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.24
Inherent Viscosity	ABR-10	0.51
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		9.9
Pan		3.3
Residual VCM, PPM	ABGC-26	8.035

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 3-9-92Product: 5225Car No.: 45910Time Logged In: 1530Logged In By: MSSilo(s): 680, 688Ship Date: 4/1/92Order No: 6956003Customer: PremierNo Metal

Compartment	A		CA		CB		B	
Sample From	Bottom	<u>3 Day</u>	Bottom		Bottom		Bottom	
Moisture	<u>.10</u>	<u>.05</u>	<u>.24</u>	<u>.11</u>	<u>.12</u>	<u>.08</u>	<u>.52</u>	<u>.03</u>
Contamination	BL							
	BR							
	<u>2</u>	<u>—</u>	<u>5</u>	<u>—</u>	<u>4</u>	<u>—</u>	<u>3</u>	<u>—</u>
	<u>18</u>		<u>12</u>		<u>11</u>		<u>9</u>	
Bulk Density	<u>.585</u>		<u>.558</u>		<u>.581</u>		<u>.553</u>	
BD w/antistat								
Viscosity	<u>.510</u>		<u>.506</u>		<u>.508</u>		<u>.507</u>	
RVCM	<u>8.035</u>		<u>.905</u>		<u>.959</u>		<u>1.841</u>	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.15</u>	<u>9.04</u>	<u>12.82</u>	<u>12.95</u>	<u>8.35</u>	<u>4.96</u>	<u>1.66</u>
%	<u>0.0</u>	<u>.3</u>	<u>18.1</u>	<u>25.6</u>	<u>25.7</u>	<u>17.1</u>	<u>9.9</u>	<u>3.3</u>

% Glassies: 21% Avg. Microns: 146.5Color L: 96.82 a 1.37 b 2.18 Static Flow: 0.18.3Technician: CO + ELS

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CERTIFICATE OF ANALYSIS

Date: 23 March 92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: 000 8643-000

Ship Date: 23 MARCH 93

Trailer No.: T-371

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.22</u>		
Bulk Density, gm/cc	ABR-2A	<u>.516</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>8.0</u>	<u>3.6</u>
Residual VCM, ppm	ABGC-26	<u>.223</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

James M. Gray
Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 3-23-92 Product 5305 Trailer Number T-371
 Customer Premier Silo 680 Time 1500
 Technician TZ Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>2.2</u>		1. <u>6</u>		1. <u>—</u>	1. <u>.516</u>	1. <u>—</u>	L = <u>100.23</u>		<u>Flow</u> <u>0/9.4</u>
	2. <u>.....</u>		2. <u>8</u>					A = <u>0.13</u>		
								B = <u>1.19</u>	<u>.722</u>	
MIDDLE	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		
END	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>0.06</u>	<u>7.21</u>	<u>13.53</u>	<u>14.78</u>	<u>8.68</u>	<u>3.98</u>	<u>1.80</u>	
% on Mesh	<u>0.0</u>	<u>0.1</u>	<u>14.4</u>	<u>27.1</u>	<u>29.4</u>	<u>17.4</u>	<u>8.0</u>	<u>3.6</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

VAB.0001202754

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A

CERTIFICATE OF ANALYSIS

Date: March 18, 1992

Product: 5225

VISTA

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

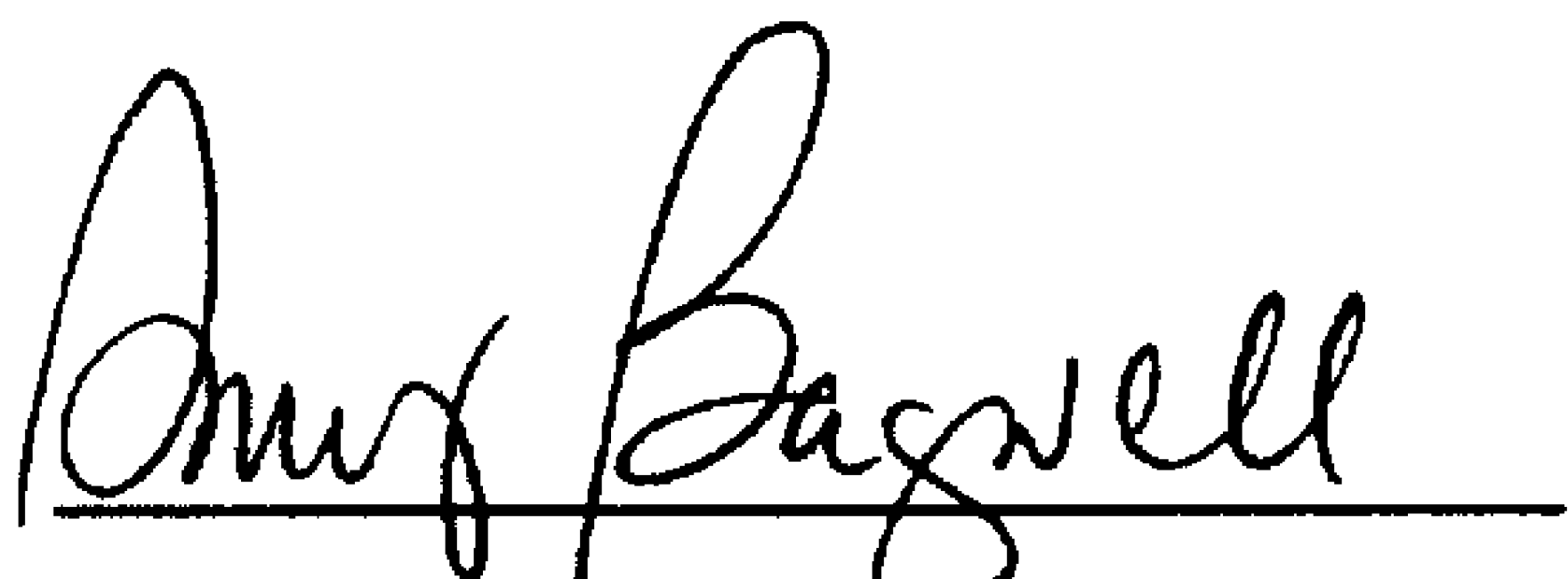
Railcar No.: VIPX 45748

Ship Date: March 13, 1992

Order No.: 0006956-002

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.23
Inherent Viscosity	ABR-10	0.52
Particle Size, % on	ABR-3	
40 Mesh		0.0
200 Mesh		11.1
Pan		3.0
Residual VCM, PPM	ABGC-26	2.163

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

PVC RAILCAR ANALYSIS

Load Date: 3-8-92Product: 5225Car No.: 45742Time Logged In: 0730Logged In By: ESSilo(s): 680, 688Ship Date: 3/13/92Order No: 0006956-002Customer: PREMIER POLYMERSNo Metal

Compartment	A		CA		CB		B	
Sample From	Bottom	<u>3 Day</u>	Bottom		Bottom		Bottom	
Moisture	<u>.08</u>	<u>.03</u>	<u>.23</u>	<u>.08</u>	<u>.11</u>	<u>.08</u>	<u>.07</u>	<u>.04</u>
Contamination	BL							
	BR							
	<u>3</u>	<u>—</u>	<u>3</u>	<u>—</u>	<u>2</u>	<u>—</u>	<u>2</u>	<u>—</u>
	<u>9</u>		<u>7</u>		<u>6</u>		<u>7</u>	
Bulk Density	<u>.570</u>		<u>.563</u>		<u>.566</u>		<u>.559</u>	
BD w/antistat								
Viscosity	<u>-525</u>		<u>.509</u>		<u>.522</u>		<u>.516</u>	
RVCM	<u>.126</u>		<u>.973</u>		<u>2.163</u>		<u>.660</u>	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.30</u>	<u>7.58</u>	<u>11.45</u>	<u>13.64</u>	<u>9.98</u>	<u>5.56</u>	<u>1.48</u>
%	<u>0.0</u>	<u>0.6</u>	<u>15.2</u>	<u>22.9</u>	<u>27.2</u>	<u>20.0</u>	<u>11.1</u>	<u>3.0</u>

% Glassies: 11% Avg. Microns: 143.2Color L: 97.86 a 1.28 b 2.03 Static Flow: 0, 7.7Technician: CO + ES

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CERTIFICATE OF ANALYSIS

VISTA

Date: 3/18/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5395

Lot No.: 04848

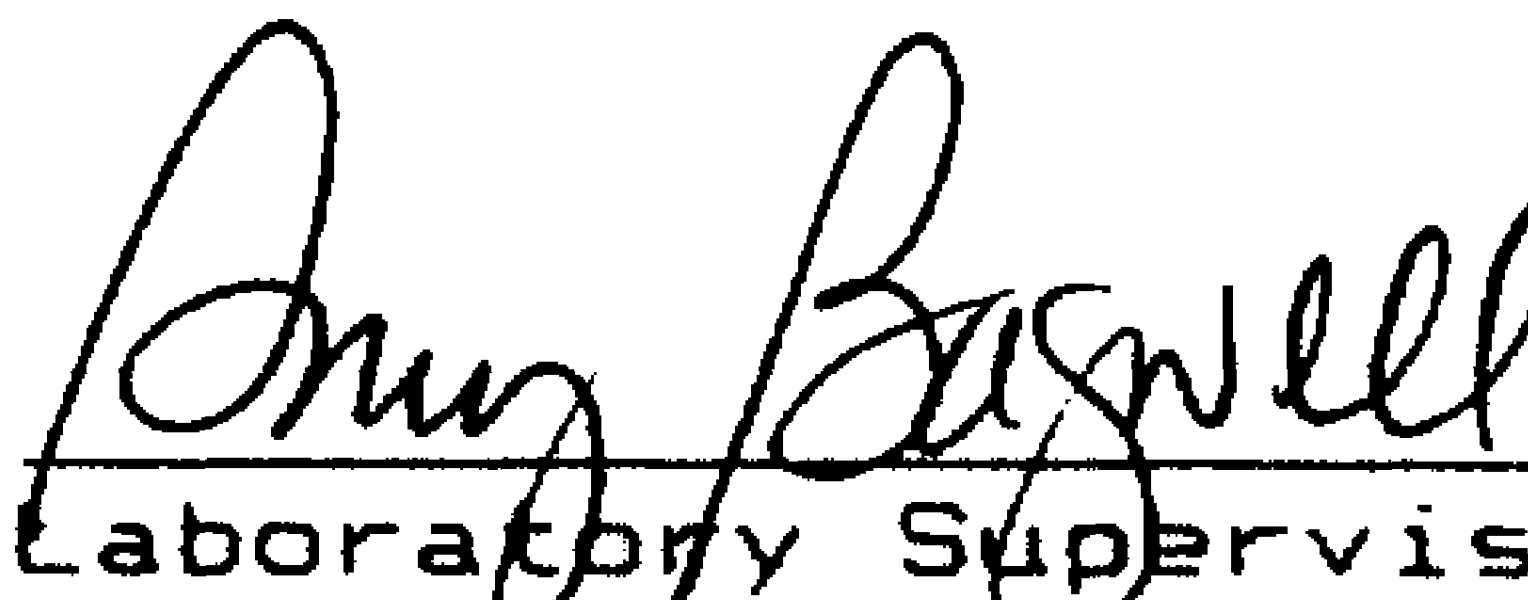
Attention: L. G. Haefner

Order No.: 0008210-000

Ship Date: 3/16/92

Trailer No.: T-8118

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>						
Moisture, %	ABR-1A	<u>.11</u>						
Hard Particles @ 7 min.	ABR-12	<u>2</u>						
Bulk Density, gm/cc	ABR-2B	<u>.527</u>						
Barbender Dry Time, min.	ABR-07	<u>4.9</u>						
Particle Size Dist.	ABR-3	<table><thead><tr><th><u>40 mesh</u></th><th><u>200 mesh</u></th><th><u>Pan</u></th></tr></thead><tbody><tr><td><u>0.0</u></td><td><u>8.7</u></td><td><u>2.4</u></td></tr></tbody></table>	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	<u>0.0</u>	<u>8.7</u>	<u>2.4</u>
<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>						
<u>0.0</u>	<u>8.7</u>	<u>2.4</u>						
Residual VCM, ppm	ABGC-26	<u>.150</u>						
Inherent Viscosity	ABR-10	<u>.94</u>						


Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 12-15-91

Product Type 5395

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. % Fines	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04848	0.50 0.50	BAGS	1	—									1 1/2			—	11.6	20	50	80		
			+																			
			10		0.00	.14	11.87	15.19	10.88	6.29	4.36	1.22	P	527	4.9	—		100.78	-.06	1.48		
					0.2	.3	23.7	30.4	21.9	12.6	8.7	2.4						20	50	80		940
			1	.06												2						
																7						
			4	.11												5		20	50	80		945
																11						
			7	.09												3						
																9						
			10	.04												4						
																10						
			13	.08												3						
																8						
			16	.06												6						
																13						
			19	.10												4						
																13						

RVOM - .150

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A

CERTIFICATE OF ANALYSIS

Date: 3-14-92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5225

Lot No.:

Attention: L. G. Haefner

Order No.: 0008250-001

Ship Date: 3-14-92

Trailer No.: T-375

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.570</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>13.5</u>	<u>4.5</u>
Residual VCM, ppm	ABGC-26	<u> </u>		
Inherent Viscosity	ABR-10	<u>.52</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.

Melvin Tallie
Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 3-13-92 Product 5225 Trailer Number T-375
 Customer Premier Silo 688 Time 2040
 Technician MA Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>10</u>		1. <u>4/6</u>		1. <u>—</u>	1. <u>.570</u>	1. <u>—</u>	L = <u>96.50</u>	<u>Flow</u> <u>8.3</u>	
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>1.60</u>		
								B = <u>2.04</u>		
MIDDLE	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		
								B = <u>—</u>		
END	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		
								B = <u>—</u>		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>.12</u>	<u>6.00</u>	<u>11.25</u>	<u>13.26</u>	<u>10.41</u>	<u>6.75</u>	<u>2.26</u>	
% on Mesh	<u>0.0</u>	<u>.2</u>	<u>12.0</u>	<u>22.5</u>	<u>26.5</u>	<u>20.8</u>	<u>13.5</u>	<u>4.5</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

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CERTIFICATE OF ANALYSIS

Date: 3/16/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04859

Attention: L. G. Haefner

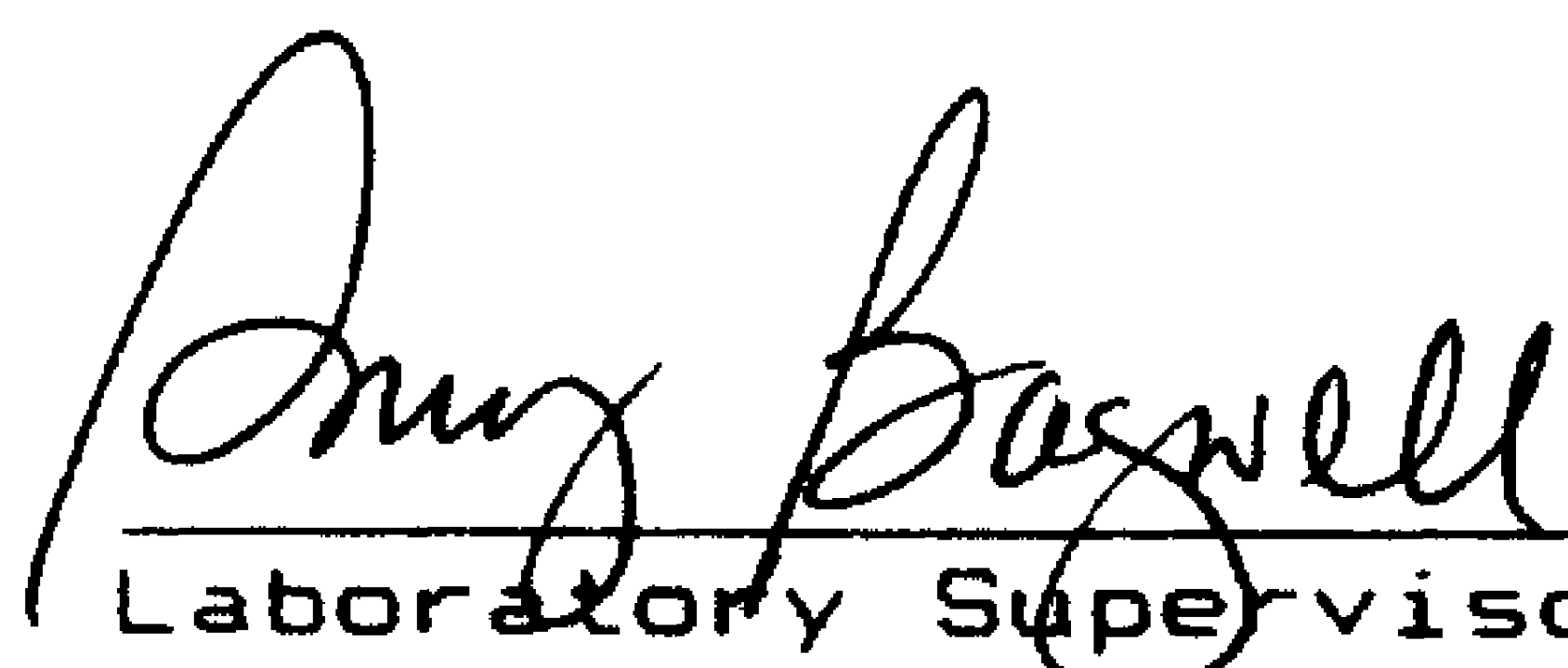
Order No.: 0007117-000

Ship Date: 3/12/92

Trailer No.: T-6368

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.24</u>		
Bulk Density, gm/cc	ABR-2A	<u>.486</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>13.6</u>	<u>3.3</u>
Average Microns		<u>133</u>		
Residual VCM, ppm	ABGC-26	<u>.066</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>26.3</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

04859

Vinyl Starry Log

5325 BAGS

Analysis No.	Time	Product Lot No.	Particle Size Distribution										HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Eff.	Static Flow	L & N Values			CPA		Visc.
			40	60	80	100	120	140	200	Pan								L	A	B	Glossy		
DES. 1410	0.15	5325																20	80	80		263	
		04859	0.00	0.05	3.54	8.83	15.93	18.13	6.80	1.64								100	0.55	1.93		<1%	
		07057	0.00	0.1	7.1	19.9	37.7	24.3	13.6	3.3								20	80	80			
		HPB MICRONS	6	34	15.19	32.4	43.5	27.5	17.24	1.22								20	80	80			
		1	.21																				811
		4	.24																				806
		7	.21																				
		10	.19																				
		13	.16																				
		16	.20																				
		19	.16																				
		22	.18																				

25 shids. 56,700* Get approval from Premier before shipping. RES 11/4/92

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: 3/16/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04789

Attention: L. G. Haefner

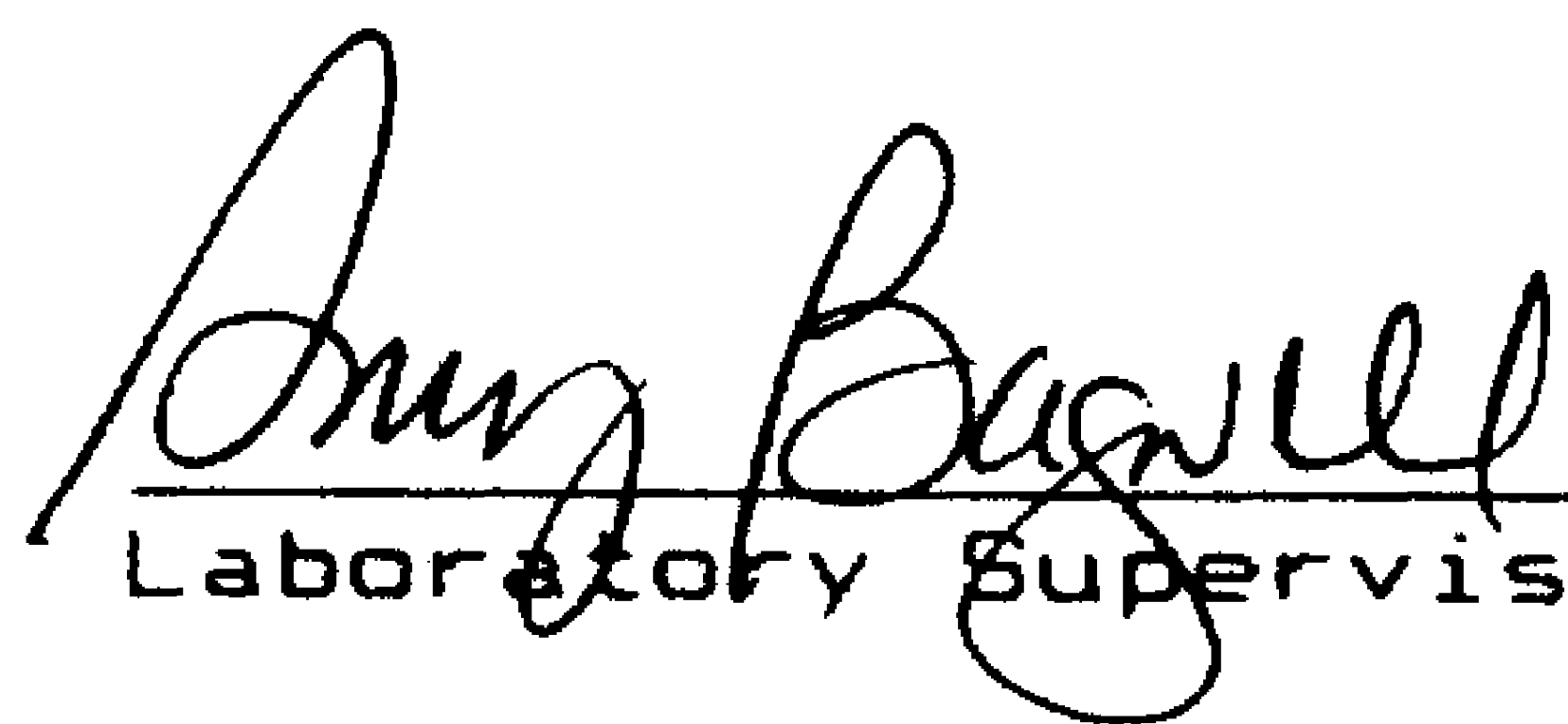
Order No.: 0007117-000

Ship Date: 3/12/92

Trailer No.: T-6368

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.30</u>		
Bulk Density, gm/cc	ABR-2A	<u>.621</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>5.6</u>	<u>1.2</u>
Average Microns		<u>163</u>		
Residual VCM, ppm	ABGC-26	<u>.168</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>24.6</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Bag Blend micron
163

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 9-11-91
Product Type 5325-

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Wet Sieve	Static Flow	L & N Values			CPA		Visc.
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy		
4789	1920		1	-										-		0	20	50	80			24.6	
			4	-											-								
			10		0.00	2.07	11.23	13.18	13.62	6.61	2.78	0.60				7.4	99.38	0.38	1.91			1.91	
					0.0	4.1	22.5	26.4	27.0	13.2	5.6	1.2	P	.621			20	50	80				
			m/c 1	.29																			
			m/c 4	.25																			
			m/c 7	.26																			
			m/c 10	.30																			
			m/c 13	.20																			
			m/c 16	.23																			
			m/c 19	.16																			
			m/c 22	.14																			
			m/c 25	.19																			

VAB.000

RVCN-168

skid #4 810

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A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 3/16/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: 04903

Attention: L. G. Haefner

Order No.: 0007031-000

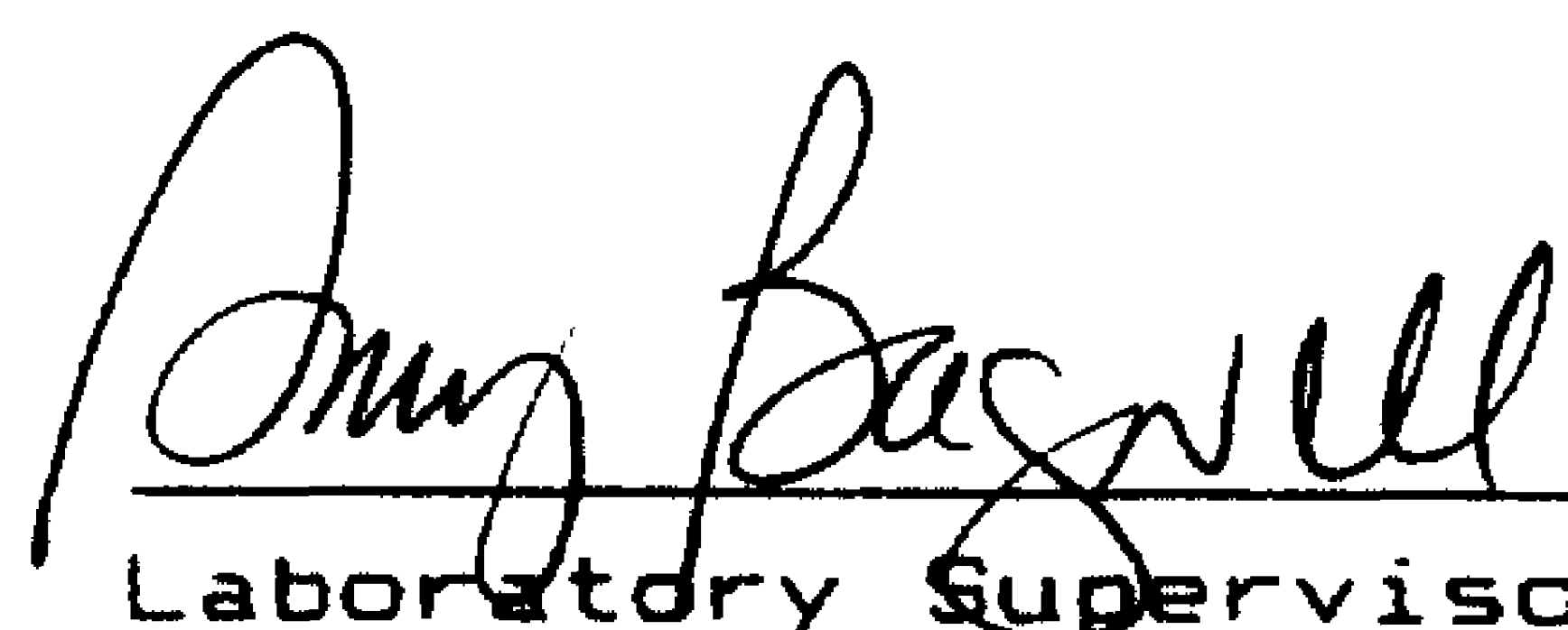
Ship Date: 3/12/92

Trailer No.: T-7121

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.544</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.8</u>	<u>2.2</u>
Residual VCM, ppm	ABGC-26	<u>.047</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Vinyl Sample Log

Date 3-8-92

Product Type 5665

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Elect. Brown	Static Flow	L & N Values			CPA		Visc.	
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy			
04903	0.30 0.30 0.30 AND	B A G S	1											-		0	20	50	80					
			d																					
			10	0.00	0.13	5.53	11.37	15.95	11.07	4.90	1.11													
				0.0	0.3	11.1	22.7	31.8	22.1	9.8	2.2													
			1	.09											5	/	20	50	80					.65
			4	.11											4									.65
			7	.10											6	/	20	50	80					
			10	.11											5									
			13	.05											3	/	20	50	80					
			16	.06											2									
			19	.04											1	/	20	50	80					
															3									
								</																

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Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

VISTA

Date: 3/16/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5465

Lot No.: 04907

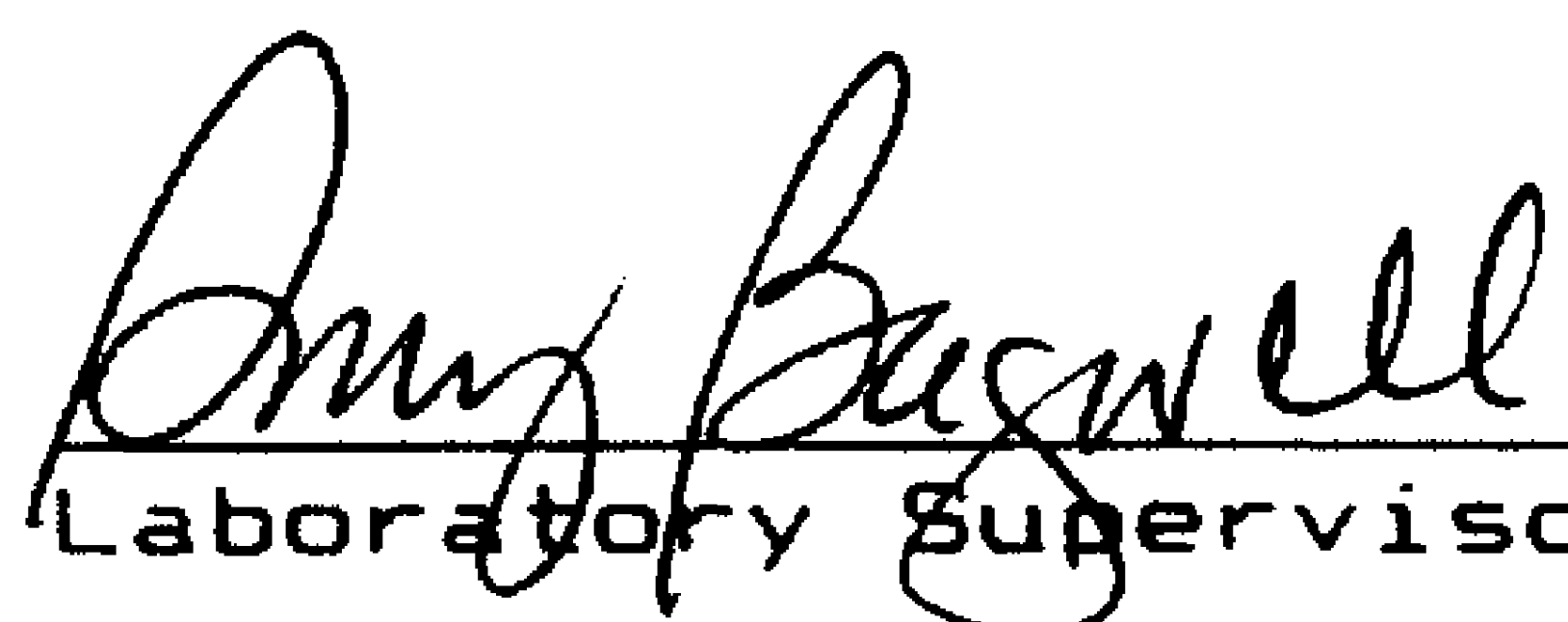
Attention: L. G. Haefner

Order No.: 0008012-000

Ship Date: 3/12/92

Trailer No.: T-6848

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>						
Moisture, %	ABR-1A	<u>.20</u>						
Hard Particles @ 7 min.	ABR-12	<u>2</u>						
Bulk Density, gm/cc	ABR-2B	<u>.468</u>						
Barbender Dry Time, min.	ABR-07	<u>5.1</u>						
Particle Size Dist.	ABR-3	<table><thead><tr><th><u>40 mesh</u></th><th><u>200 mesh</u></th><th><u>Pan</u></th></tr></thead><tbody><tr><td><u>0.0</u></td><td><u>3.3</u></td><td><u>1.2</u></td></tr></tbody></table>	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>	<u>0.0</u>	<u>3.3</u>	<u>1.2</u>
<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>						
<u>0.0</u>	<u>3.3</u>	<u>1.2</u>						
Residual VCM, ppm	ABGC-26	<u>.025</u>						
Inherent Viscosity	ABR-10	<u>1.12</u>						


Laboratory Supervisor/Lead

Reland

Bag Blend

Regulars or Bags

Page ____ of ____ pages

Date 3-10-92

Product Type 5465

Vinyl Sample Log

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Black/Brown	Static Flow	L & N Values			CPA	Visc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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RVCN-.025

Vista Polymers
A Division of
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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

VISTA

Date: March 12, 1992

Product: 5225

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

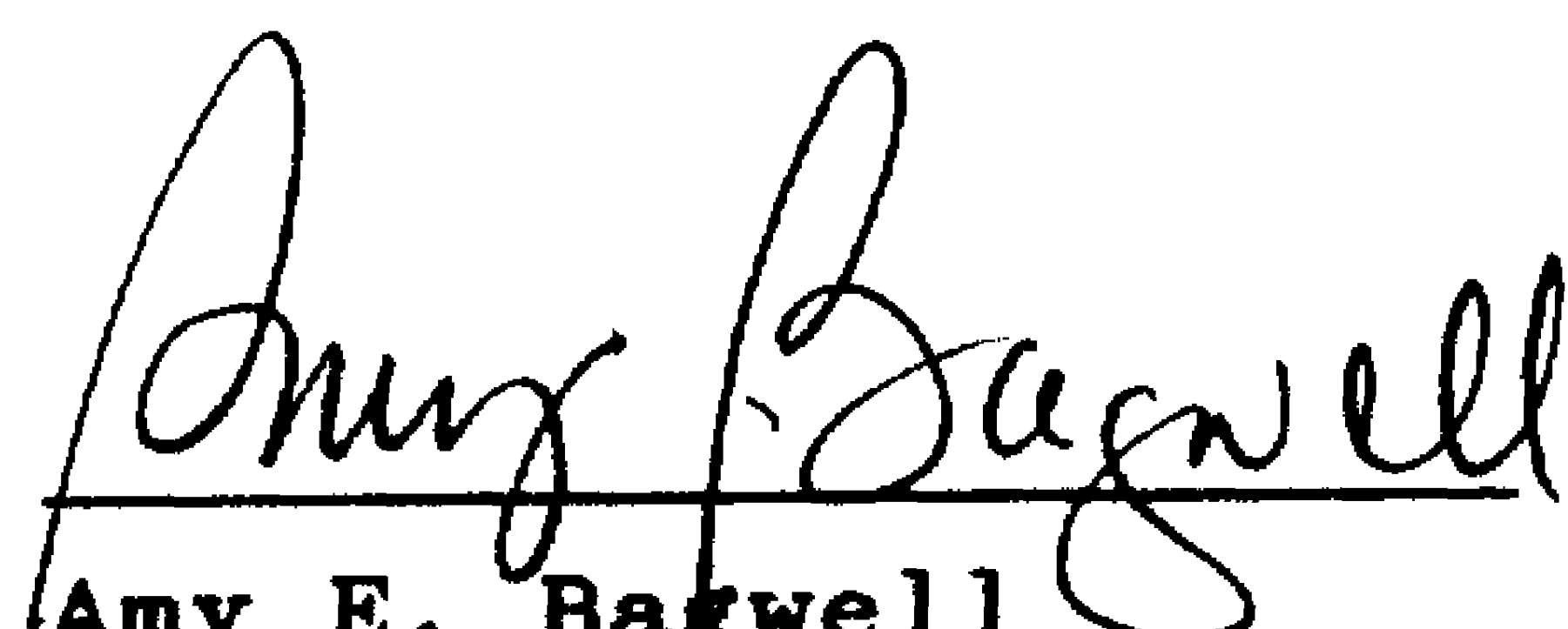
Railcar No.: ACFX 41180

Ship Date: March 11, 1992

Order No.: 0006956-001

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.19
Inherent Viscosity	ABR-10	0.52
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		8.6
Pan		2.1
Residual VCM, PPM	ABGC-26	1.973

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

VAB.0001202769

PVC RAILCAR ANALYSIS

Load Date: 3-5-92Product: 5225Car No.: 41180Time Logged In: 1200Logged In By: CBSilo(s): 680Ship Date: 3/11/92Order No: 0006956-001Customer: PREMIER P.
CSX-EVANSVILLENo Metal

Compartment	A		CA		CB		B	
Sample From	Bottom	3 day	Bottom	3 day	Bottom	3 day	Bottom	3 day
Moisture	.18	.29	.14	.15	.17	.08	.19	.25
Contamination	BL		5		2		6	
	BR		14		14		12	
Bulk Density	.566		.574		.573		.573	
BD w/antistat								
Viscosity	.515		.528		.515		.516	
RVCM	1.973		.849		1.438		1.401	
Tappi Test Contamination Composite								
		.06 or less			.07 ----- .15			.20 ----- .60

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.10</u>	<u>7.33</u>	<u>12.53</u>	<u>14.90</u>	<u>9.79</u>	<u>4.28</u>	<u>1.07</u>
%	<u>0.0</u>	<u>0.2</u>	<u>14.7</u>	<u>25.1</u>	<u>29.7</u>	<u>19.6</u>	<u>8.6</u>	<u>2.1</u>

CPA: _____ % Glassies: L1% Avg. Microns: 144.8Color L: 98.18 a 1.16 b 2.01 Static Flow: 0 / 7.5Technician: CO & E2

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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 3/11/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5225

Lot No.: N/A

Attention: L. G. Haefner

Order No.: 0008250-000

Ship Date: 3/11/92

Trailer No.: T-377

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.567</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.8</u>	<u>2.8</u>
Residual VCM, ppm	ABGC-26	<u>2.460</u>		
Inherent Viscosity	ABR-10	<u>.51</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 3-11-92 Product 5225 Trailer Number T-377
 Customer Premier Poly. Silo 688 Time 0530
 Technician Co + ES Order No. 0008250-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. 11		1. 2/7		1. -	1. .567	1. -	L = 96.78		
	2.		2.		2.	2.	2.	A = 1.52		Flow
MIDDLE	1.		1.		1.	1.	1.	B = 1.96		9/8.4
	2.		2.		2.	2.	2.	L =		
END	1.		1.		1.	1.	1.	A =		
	2.		2.		2.	2.	2.	B =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	0.00	0.0	7.92	12.75	13.66	9.21	4.90	1.40	
% on Mesh	0.0	0.0	15.8	25.5	27.7	18.4	9.8	2.8	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
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Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 3/9/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

VISTA

Lot No.: 04887

Attention: L. G. Haefner

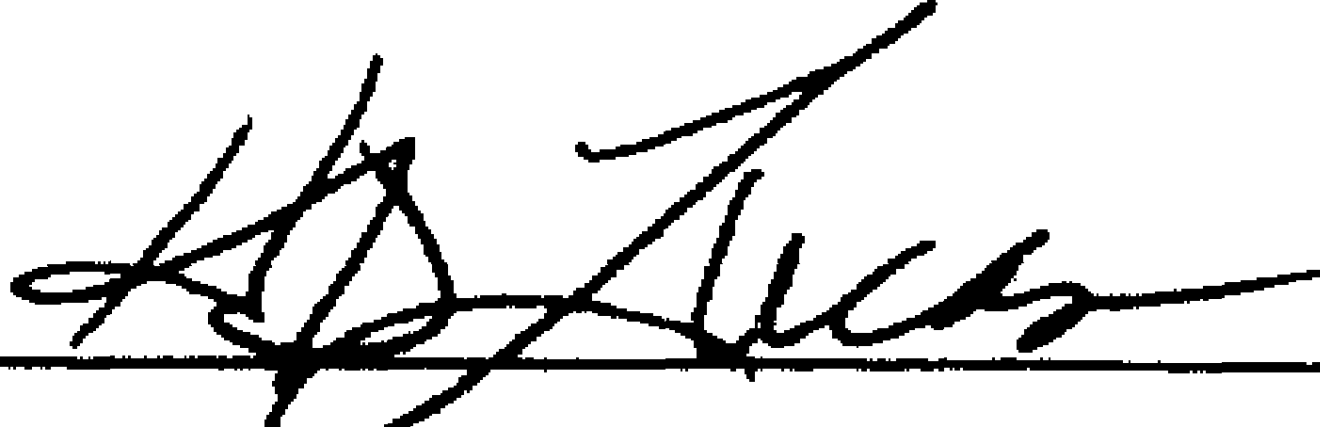
Order No.: 0007603-000

Ship Date: 3/6/92

Trailer No.: T 7367

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.04</u>		
Bulk Density, gm/cc	ABR-2A	<u>.538</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.00</u>	<u>12.9</u>	<u>2.0</u>
Residual VCM, ppm	ABGC-26	<u>.030</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Vinyl Sample Log

Date 2-20-92
Product Type 5265

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. %	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04887	22/ RH	6 AGT SKID	1/10		0.0	0.05	2.56	9.26	17.97	13.68	6.44	1.02	-				0	20	50	80		
					0.0	.1	5.1	18.5	34.0	27.4	12.9	2.0	P					99.59	0.70	1.55	19.3	
			1	.03														20	50	80		<17.
			4	.02														20	50	80		
			7	.02														20	50	80		
			10	.04														20	50	80		
																		20	50	80		
																		20	50	80		
			13	.62													1 6	20	50	80		
																		20	50	80		
																		20	50	80		
																		20	50	80		
			16	.03													3 4	20	50	80		
																		20	50	80		
																		20	50	80		
																		20	50	80		
			19	.01													2 5	20	50	80		
																		20	50	80		
																		20	50	80		
																		20	50	80		

RVCN - .030

.658
.658

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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: *March 5, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.:

Attention: L. G. Haefner

Order No.: *0008025-000*

Ship Date: *March 5, 1992*

Trailer No.: *T-652*

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.511</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.00</u>	<u>10.9</u>	<u>2.5</u>
Residual VCM, ppm	ABGC-26	<u>.013</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 3-5-92 Product 5305 Trailer Number T-652
 Customer Premier Silo 684 Time 1100
 Technician CotES Order No. 0008025-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1.10		1.3/7		1.	1.511	1. —	L = 99.12		
	2.		2.		2.	2.	2.	A = .36		
								B = 1.72	.717	0/11.4
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
								B =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
								B =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	0.00	0.05	5.97	11.65	15.16	10.61	5.43	1.24	
% on Mesh	0.00	0.1	11.9	23.3	30.1	21.2	10.9	2.5	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

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A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: March 5, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

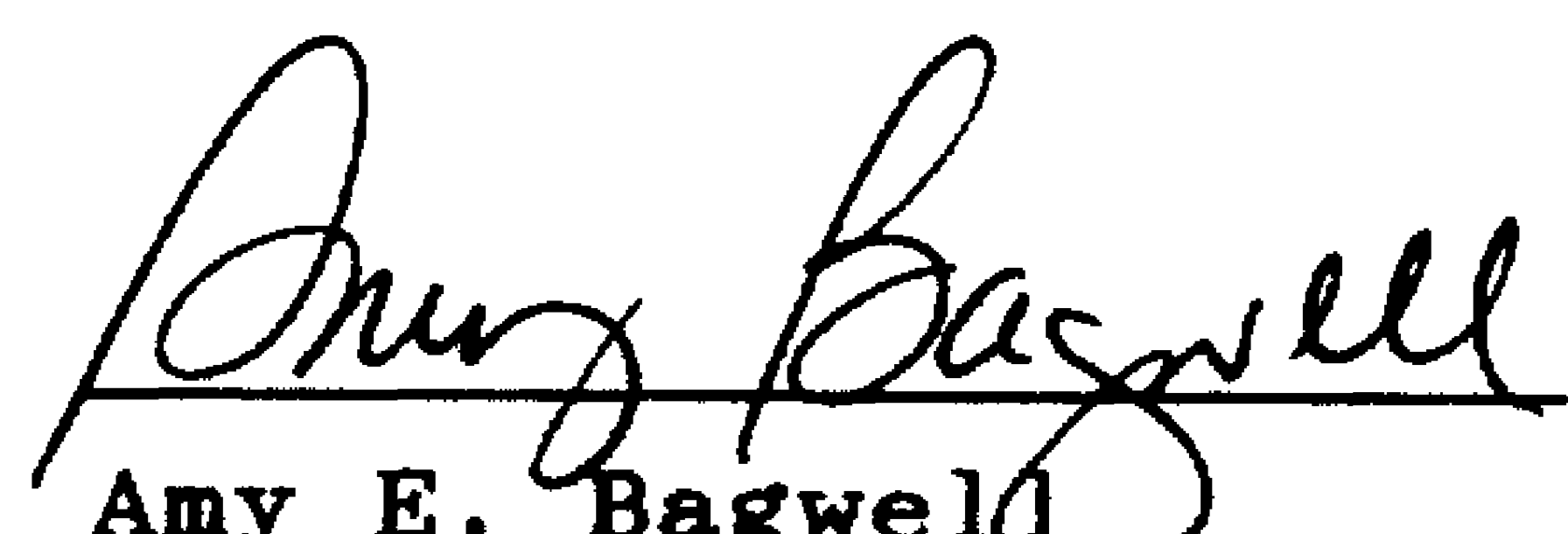
Railcar No: VIPX 45872

Attention: L. G. Haefner

Order No.: 0007269-000

Ship Date: March 2, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.18
Bulk Density	ABR-2A	0.504
Brabender Dry Time, Mins	ABR-7	4.8
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		5.2
Pan		1.6
Residual VCM, PPM	ABGC-26	0.014
Inherent Viscosity	ABR-10	1.01


Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

Vista Polymers

Highway 25

Aberdeen, MS 39730

A

PVC RAILCAR ANALYSIS

Load Date: 2-19-92 Product: 5415 Car No.: 45872
 Time Logged In: 0400 Logged In By: MT Silo(s): 690-691
 Ship Date: 3/2/92 Order No: 7269-000 Customer: Premier
no metal

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.15		.14		.18		.14	
Contamination	BL	<u>2</u>	<u>7</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>4</u>	<u>6</u>
	BR	<u>3</u>	<u>4</u>	<u>6</u>	<u>5</u>	<u>4</u>	<u>1</u>	<u>3</u>
Bulk Density	.504		.507		.509		.498	
Hard Particle	<u>2</u>	—	—	—	—	—	—	—
	<u>135</u>							
Viscosity	1.013							
RVCM	.014							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>.22</u>	<u>17.71</u>	<u>15.62</u>	<u>8.94</u>	<u>4.05</u>	<u>2.58</u>	<u>.78</u>
%	<u>0.0</u>	<u>.4</u>	<u>35.4</u>	<u>31.2</u>	<u>18.1</u>	<u>8.1</u>	<u>5.2</u>	<u>1.6</u>

Drytime: 4.8 Static Flow: 0 112.4 Avg. Microns: 167.3

Color L: 100.88 a 0.06 b 1.31

METS: 9620, 121.5%

Technician: GTES

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Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

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CERTIFICATE OF ANALYSIS

Date: 3/5/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04892

Attention: L. G. Haefner

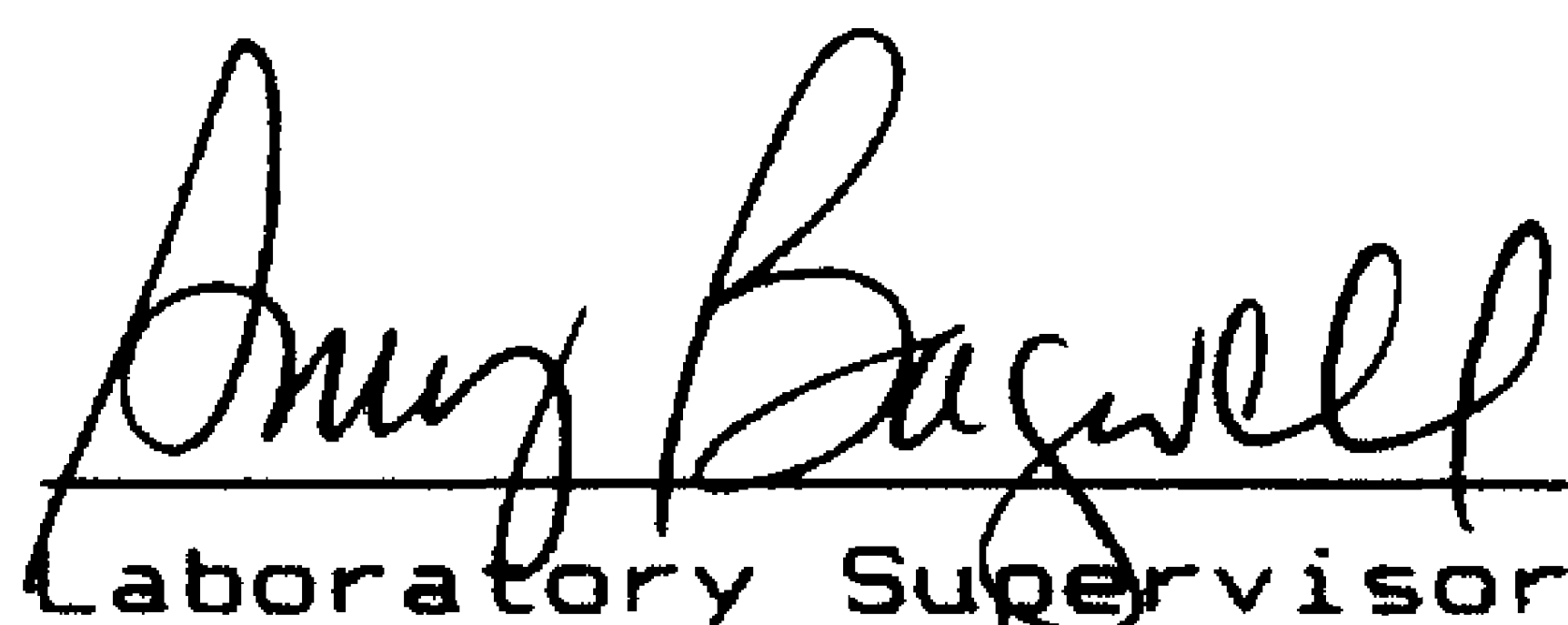
Order No.: 0008011-000

Ship Date: 3/4/92

Trailer No.: T-7455

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.15</u>		
Bulk Density, gm/cc	ABR-2A	<u>.537</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>5.7</u>	<u>1.6</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 2-26-92

Product Type S305

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. $\frac{\text{Wt.}}{\text{Vol.}}$	Static Flow	L & N Values			CPA		Visc.			
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy					
04892	0530 T.E.M.G.S	B A G S	1															20	50	80						
			+																				20.4			
			10	—	0.00	.33	9.16	14.19	14.94	7.78	2.83	.81	P	1537	—	7.4	98.90	0.72	1.81				<1%			
			1	.12														20	50	80					.715	
			11	.13																						.715
			12	.15																						
			13	.12																						
			14	.14																						
			15	.11																						
			16	.15																						
			17																							
			18																							
			19																							

VAB.000

RVCN-001

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Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111



CERTIFICATE OF ANALYSIS

Date: 3/5/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

VISTA

Lot No.: 04886

Attention: L. G. Haefner

Order No.: 0007973-000

Ship Date: 3/3/92

Trailer No.: 7682

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.14</u>		
Bulk Density, gm/cc	ABR-2A	<u>.534</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>12.7</u>	<u>2.3</u>
Residual VCM, ppm	ABGC-26	<u>.024</u>		
Inherent Viscosity	ABR-10	<u>.66</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 2-19-92

Product Type 5265

Blend Number	Time	To	Sample No.	Moist.	Particle Size Distribution							HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Moisture	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan					L	A	B		
04886			1410	—	0.00	0.03	0.67	9.38	16.90	33.7	6.35	11.6	—	.534	—	0	20	50	80		
1410					0.00	0.1	5.3	18.8	34.1	26.7	12.7	2.3					99.64	0.57	1.50		
1				.13													20	50	80		.660
4																	20	50	80		
7				.10													20	50	80		.659
10																	20	50	80		
13				.09													20	50	80		
16																	20	50	80		
19				.11													20	50	80		
16																	20	50	80		
19				.10													20	50	80		
19																	20	50	80		
19				.09													20	50	80		
19																	20	50	80		

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CERTIFICATE OF ANALYSIS

VISTA

Date: February 24, 1992

Product: 5225

Customer: Premier Polymers
P.O. Box 99571
Jeffersontown, KY 40299

Attention: L. G. Haefner

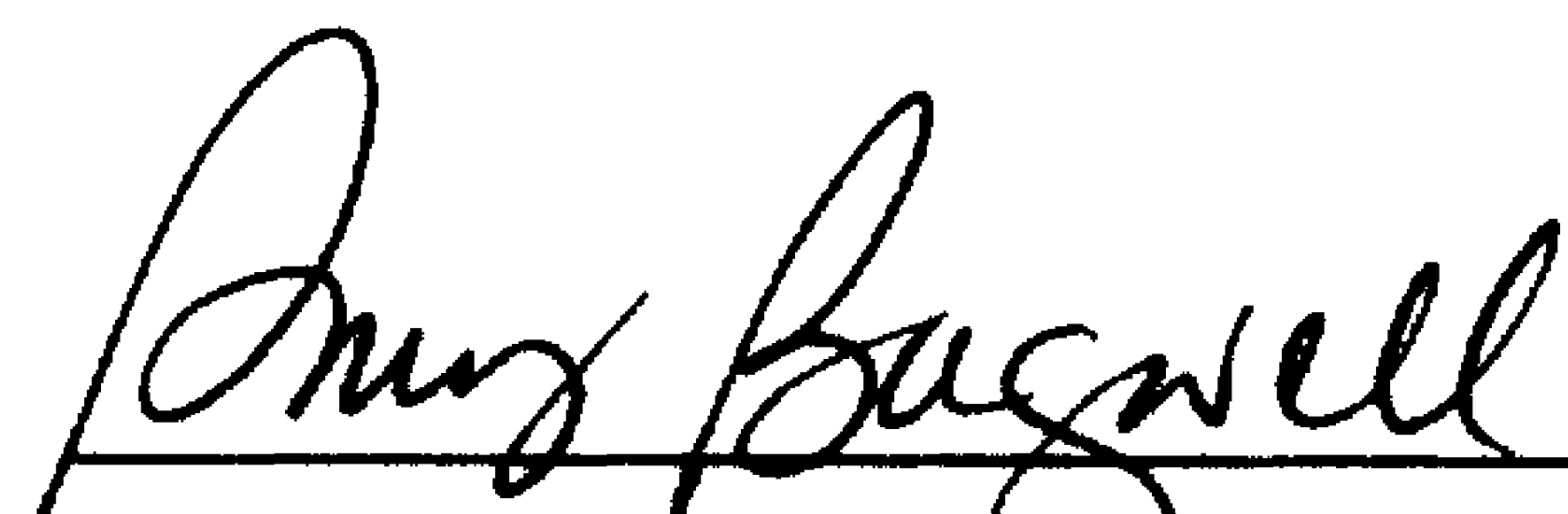
Railcar No.: GACX 73412

Ship Date: February 18, 1992

Order No.: 0006956-000

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.07
Inherent Viscosity	ABR-10	0.53
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		6.3
Pan		1.9
Residual VCM, PPM	ABGC-26	0.001

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Amy E. Bagwell
Laboratory Supervisor

VAB.0001202783

PVC RAILCAR ANALYSIS

Load Date: 2-13-92Product: 5225Car No.: 73412Time Logged In: 0630Logged In By: CSilo(s): 680Ship Date: 2/18/92Order No: 0006956-000Customer: PremierNo Metal

Compartment	(A)		(CA)		(CB) ^{MT} ₂₋₁₃		(D) ^{MT} ₂₋₁₃	
Sample From	Bottom		Bottom		Bottom		Bottom	
Moisture	.07		.06		.05		.06	
Contamination ^{BL} BR	<u>2</u> 8	—	<u>4</u> 9	—	<u>3</u> 10	—	<u>2</u> 12	—
Bulk Density	.570		.570		.567		.568	
BD w/antistat								
Viscosity	.530		.530		.522		.525	
RVCN	.600		.201		.367		.237	
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.10</u>	<u>8.56</u>	<u>14.07</u>	<u>14.78</u>	<u>8.43</u>	<u>3.17</u>	<u>0.96</u>
%	<u>0.0</u>	<u>0.2</u>	<u>17.1</u>	<u>28.1</u>	<u>29.5</u>	<u>16.9</u>	<u>6.3</u>	<u>1.9</u>

CPA: 13.5 % Glassies: 1% Avg. Microns: 149Color L: 97.27 a 1.22 b 2.14 Static Flow: 0, 7.2Technician: C & E

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A

CERTIFICATE OF ANALYSIS

Date: 2/26/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04888

Attention: L. G. Haefner

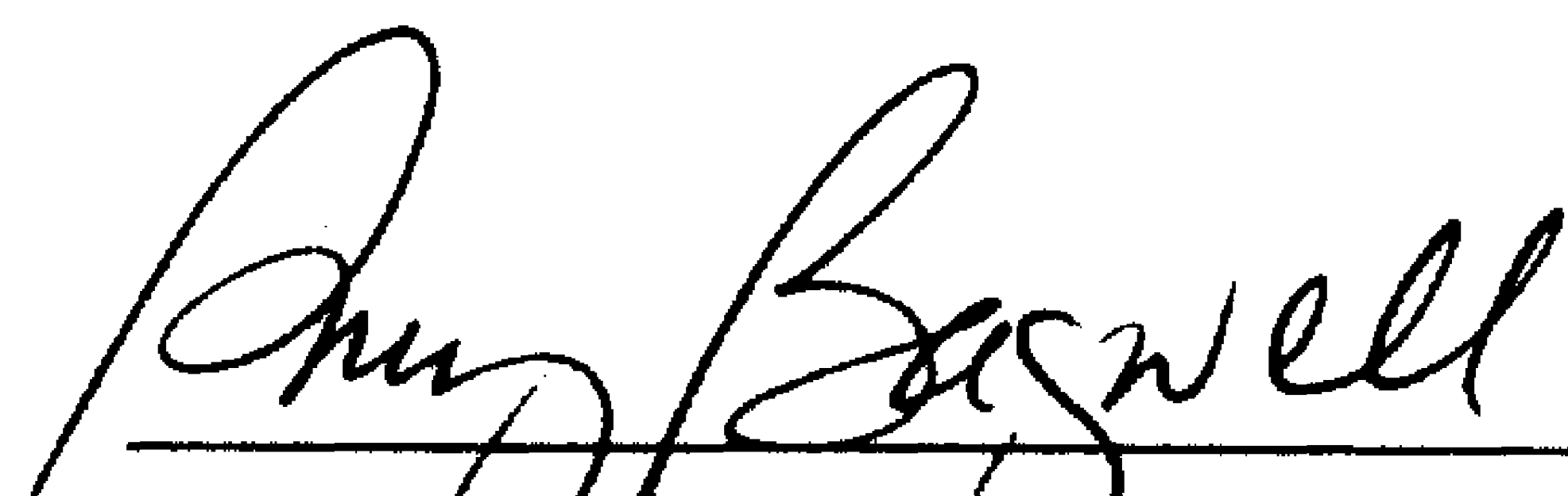
Order No.: 0007511-000

Ship Date: 2/25/92

Trailer No.: T-7646

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.15</u>		
Bulk Density, gm/cc	ABR-2A	<u>.515</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>11.9</u>	<u>3.0</u>
Residual VCM, ppm	ABGC-26	<u>.058</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Page ____ of ____ pages

100

Product Type

Date 2/21/12Product Type 525[illegible]

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CERTIFICATE OF ANALYSIS

Date: 2/24/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5225

Lot No.: N/A

Attention: L. G. Haefner

Order No.: 0006812-002

Ship Date: 2/24/92

Trailer No.: T-371

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.10</u>		
Bulk Density, gm/cc	ABR-2A	<u>.562</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>6.0</u>	<u>4.5</u>	<u>1.4</u>
Residual VCM, ppm	ABGC-26	<u>.066</u>		
Inherent Viscosity	ABR-10	<u>.52</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 2/22/92 Product 5225 Trailer Number T 371
 Customer PREMIER Silo 680 Time 2300 - 2330
 Technician [Signature] Order No. 0006812-002

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
NO MTL										
FRONT	1. 10		1. 1/4		1. —	1. .562	1. —	L = 97.59		
	2.		2.		2.	2.	2.	A = 1.31		
								B = 2.00		0/7.8
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
								B =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
								B =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	0.00	0.11	10.41	15.80	14.33	6.40	2.25	0.72	
% on Mesh	0.00	0.2	20.8	31.6	28.7	12.8	4.5	1.4	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

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A

CERTIFICATE OF ANALYSIS

Date: *Feb. 24, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5265

Lot No.: *04882*

Attention: L. G. Haefner

Order No.: *0006966-000*

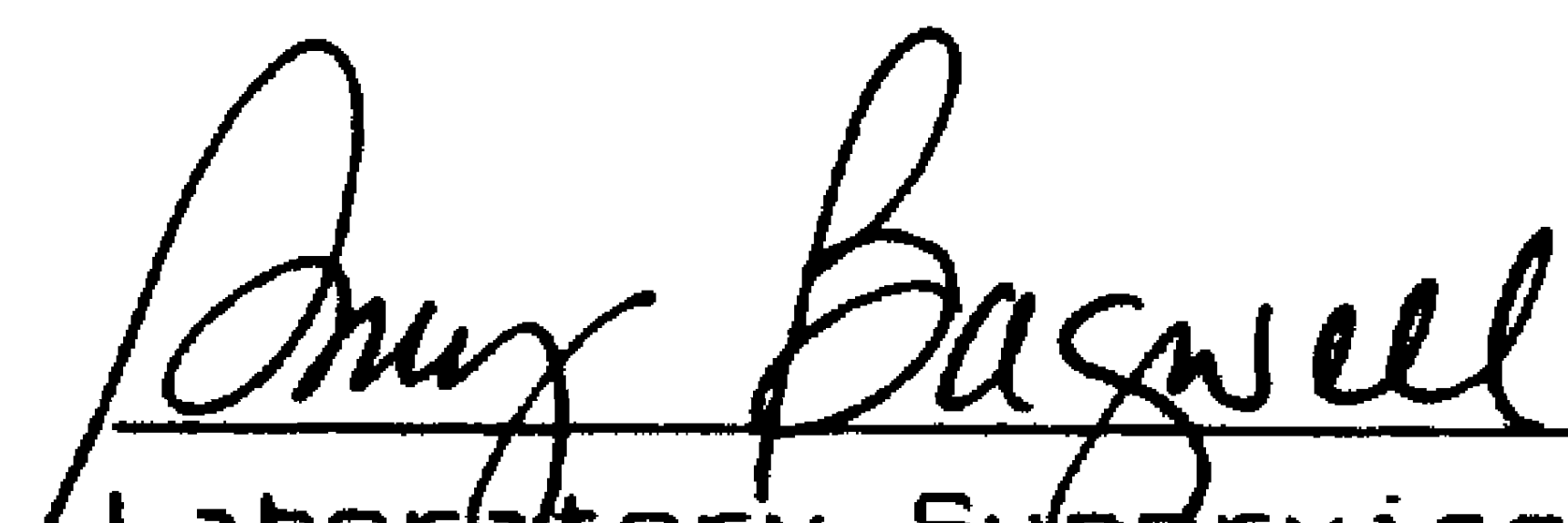
Ship Date: *Feb. 19, 1992*

Trailer No.: *T-7516*

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.09</u>		
Bulk Density, gm/cc	ABR-2A	<u>.517</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>10.5</u>	<u>1.3</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>		
Inherent Viscosity	ABR-10	<u>.64</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

Bag Blend

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date

2-9-92

Product Type

5265

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. % + 100 mesh	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04882	9005 9006	BAG	1	—									—				0	20	50	80		
			↓																			
			10		0.00	0.0	2.33	9.74	18.82	13.22	5.26	.66	P	.517	—			99.40	8.77	1.80		
			M/C 1	.06	0.0	0.0	4.7	19.5	37.6	26.4	10.5	1.3				3	130	20	50	80		.64
			M/C 4	.04												4						
			M/C 7	.09												2		20	50	80		.64
			M/C 10	.05												2						
			M/C 13	.05												6		2.10M .001				
			M/C 16	.09												2		20	50	80		
			M/C 19	.06												4						

CERTIFICATE OF ANALYSIS

Please Hand Deliver!

Date: 2/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04859

→ Attention: L. G. Haefner

Order No.: 0004969-001

Date of Shipment: - To Be Shipped
2/13/92

Trailer No.: 7632

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR- 1A	<u>.24</u>		
Bulk Density, gm/cc	ABR-2B	<u>.486</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>13.6</u>	<u>3.3</u>
Average Microns			<u>132.9</u>	← <u>Low</u>
Residual VCM, ppm	ABGC-26	<u>.066</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>26.3</u>		

Amy Bagwell
Laboratory Supervisor/Lead

Please let John Olson or me know
if this lot # is ok for
Thurs. Shipment. - Thanks -

Amy
601-369-3624

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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: *Feb. 17, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5225

Lot No.: *N/A*

Attention: L. G. Haefner

Order No.: *0006812 -001*

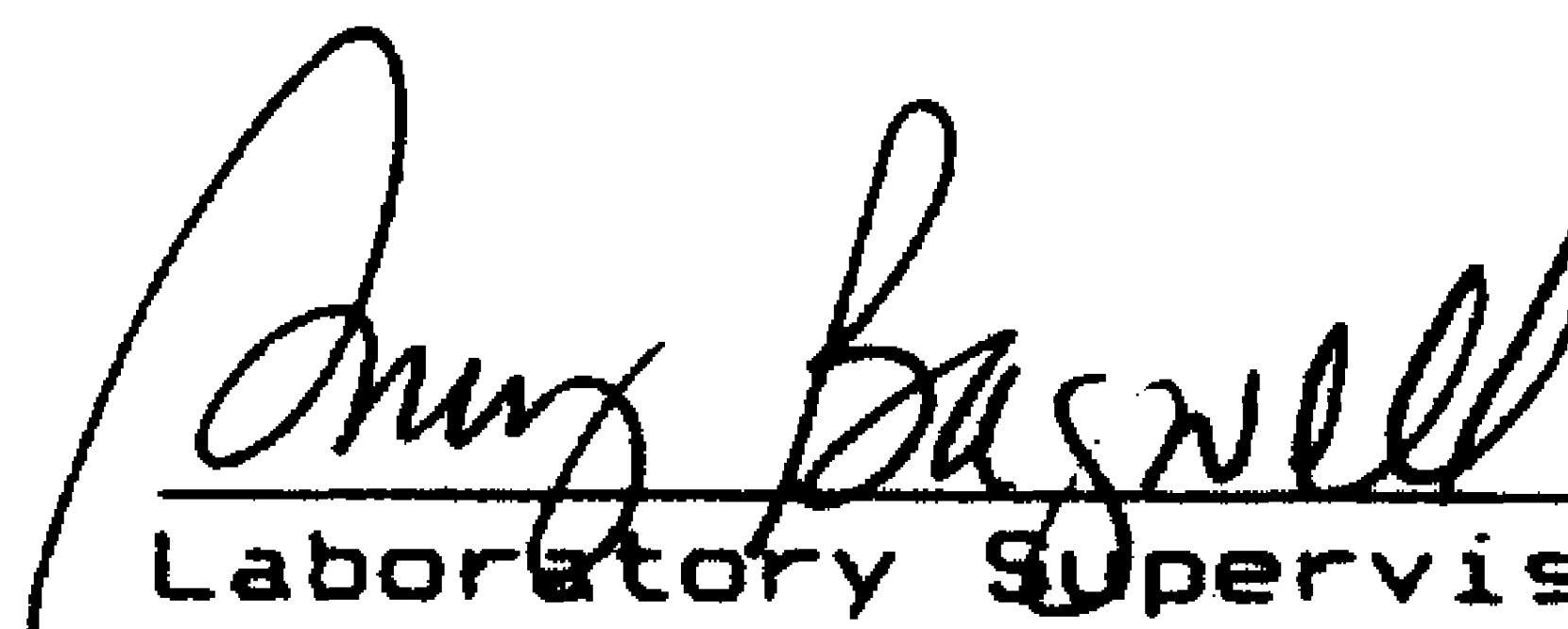
Ship Date: *Feb. 17, 1992*

Trailer No.: *T-376*

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.02</u>		
Bulk Density, gm/cc	ABR-2A	<u>.552</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>11.8</u>	<u>2.8</u>
Residual VCM, ppm	ABGC-26	<u>.157</u>		
Inherent Viscosity	ABR-10	<u>.54</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 2-15-92 Product 5225 Trailer Number T-376
 Customer Premier Silo 680 Time 0700
 Technician M.T. Order No. 0006812-001

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.02</u>		1. <u>5</u>		1. <u>-</u>	1. <u>.552</u>	1. <u>-</u>	L = <u>97.81</u>	<u>0</u> / <u>8.0</u>	
	2. <u>.....</u>		2. <u>8</u>					A = <u>1.24</u>		
								B = <u>2.00</u>		
MIDDLE	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		
END	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

								Pan	Glassy Part.
Mesh Size	40	60	80	100	120	140	200		
Gross Wt.									
Tare <u>P</u>									
Net Wt.	<u>0.0</u>	<u>.02</u>	<u>4.91</u>	<u>10.69</u>	<u>15.18</u>	<u>12.10</u>	<u>5.89</u>	<u>1.39</u>	
% on Mesh	<u>0.0</u>	<u>0.0</u>	<u>9.8</u>	<u>21.4</u>	<u>30.0</u>	<u>24.2</u>	<u>11.8</u>	<u>2.8</u>	

Screen Analysis Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

								Pan	Glassy Part.
Mesh Size	40	60	80	100	120	140	200		
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks

Vista Polymers
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Highway 25
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Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: *Feb. 13, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: *N/A*

Attention: L. G. Haefner

Order No.: *0006953-000*

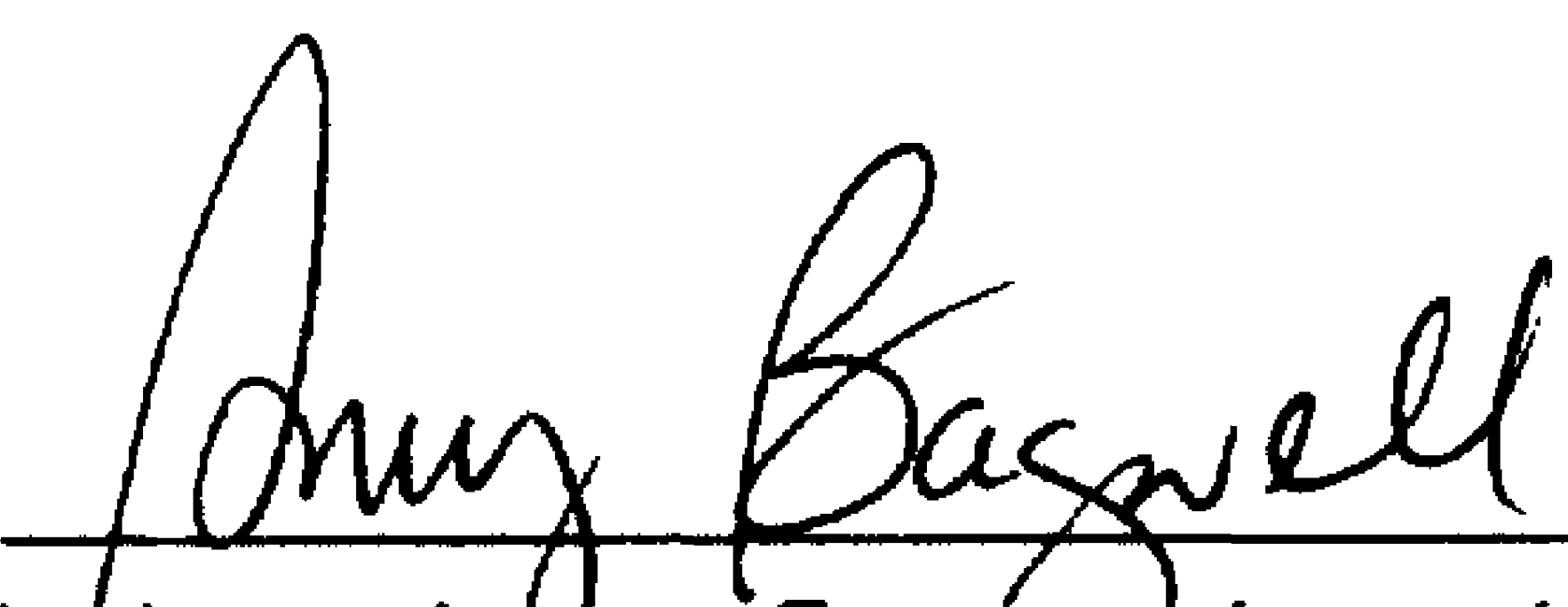
Ship Date: *Feb. 13, 1992*

Trailer No.: *652*

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.06</u>		
Bulk Density, gm/cc	ABR-2A	<u>.508</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>6.2</u>	<u>2.1</u>
Residual VCM, ppm	ABGC-26	<u>.009</u>		
Inherent Viscosity	ABR-10	<u>.72</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

(A)

Date 2-13-92 Product 5305 Trailer Number T-652
 Customer Premier Silo 683 Time 1415-
 Technician M.T Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>0.6</u>		1. <u>6</u>		1. <u>—</u>	1. <u>.508</u>	1. <u>—</u>	L = <u>98.98</u>	<u>0</u> <u>/</u> <u>9.5</u>	
	2. <u>.....</u>		2. <u>8</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>0.55</u>		
								B = <u>1.88</u>		
MIDDLE	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		
END	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		
								B = <u>.....</u>		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare <u>P</u>									
Net Wt.	<u>0.0</u>	<u>.02</u>	<u>5.16</u>	<u>13.71</u>	<u>17.48</u>	<u>9.41</u>	<u>3.10</u>	<u>1.05</u>	
% on Mesh	<u>0.0</u>	<u>0.0</u>	<u>10.3</u>	<u>27.4</u>	<u>35.2</u>	<u>18.8</u>	<u>6.2</u>	<u>2.1</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 2/17/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: 04818

Attention: L. G. Haefner

Order No.: 0006962-000

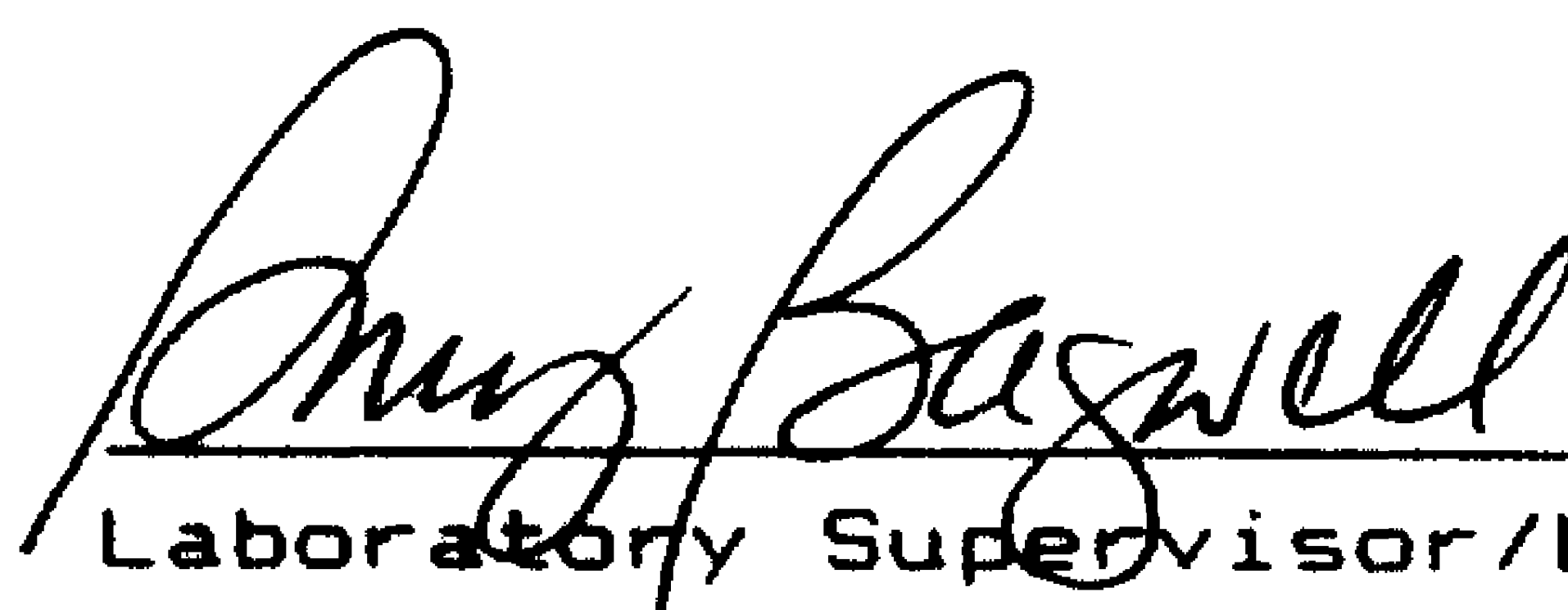
Ship Date: 2/12/92

Trailer No.: 7100

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.11</u>		
Bulk Density, gm/cc	ABR-2A	<u>.521</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>10.0</u>	<u>2.1</u>
Residual VCM, ppm	ABGC-26	<u>.102</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

BAG Blend

Regulators or Bags

Page _____ of _____ pages

Date 11-13-91

Product Type 5305

Vinyl Sample Log

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Losses	Static Flow	L & N Values			CPA		Visc.
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy		
5305	2:00 PM	5	1														20	50	80				
04818	2:00 PM	5	10		0.0	0.4	4.4	10.8	16.5	12.1	4.9	1.0	P	.52	-	8.1	78.74	0.14	1.89				
			1	.04													20	50	80				726
			4	.01													20	50	80				727
			7	.02													20	50	80				
			10	.09													20	50	80				
			13	.02													20	50	80				
			16	.04													20	50	80				
			19	.11													20	50	80				
																	20	50	80				
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																	20	50	80				

RVCm .102

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Highway 25
Post Office Box 91

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CERTIFICATE OF ANALYSIS

Date: 2/12/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5225

Lot No.: N/A

Attention: L. G. Haefner

Order No.: 0006812-000

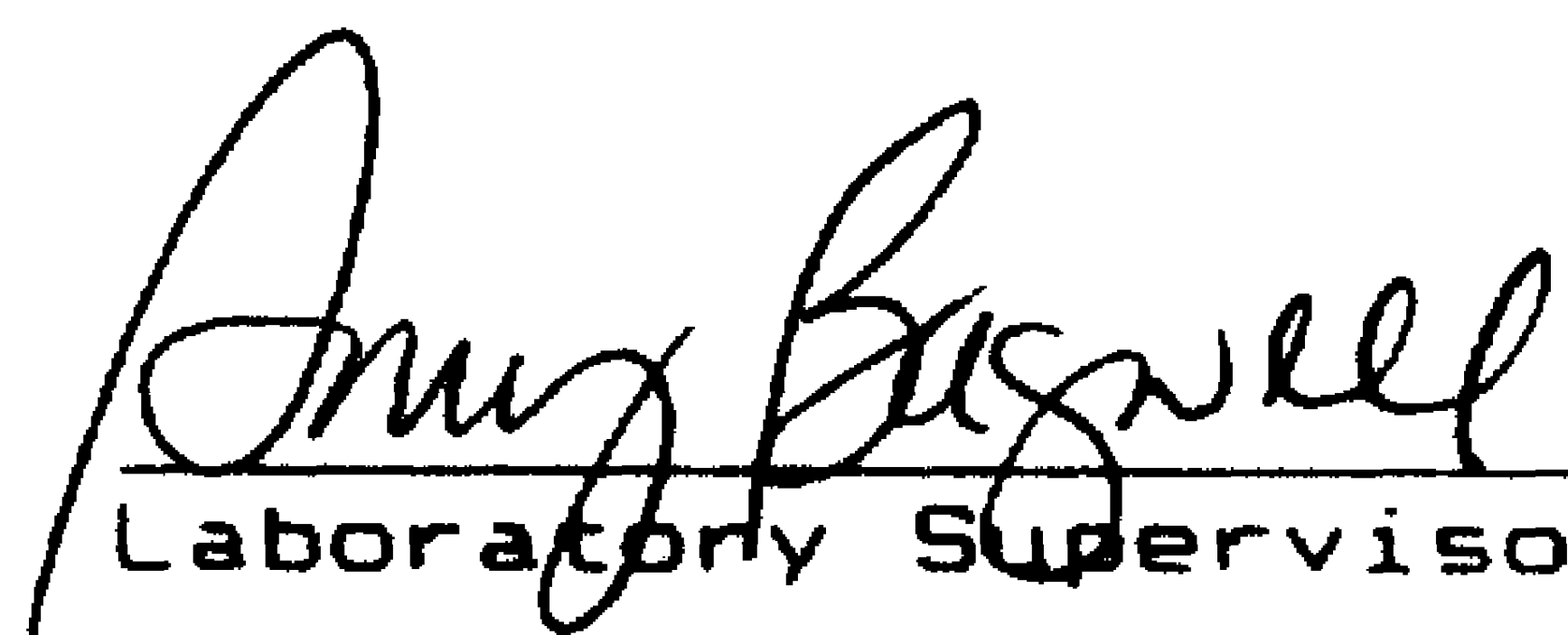
Ship Date: 2/12/92

Trailer No.: 371

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.20</u>		
Bulk Density, gm/cc	ABR-2A	<u>.563</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>7.6</u>	<u>2.1</u>
Residual VCM, ppm	ABGC-26	<u>.004</u>		
Inherent Viscosity	ABR-10	<u>.51</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 2-12-92 Product 5225 Trailer Number T-371
 Customer Premier Silo 680 Time 0900
 Technician MM Order No. 0006812-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>20</u>		1. <u>4/7</u>		1. <u>—</u>	1. <u>.563</u>	1. <u>—</u>	L = <u>98.16</u>	<u>Flow</u> <u>8/12.5</u>	
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>1.04</u>		
MIDDLE	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		
END	1. <u>—</u>		1. <u>—</u>		1. <u>—</u>	1. <u>—</u>	1. <u>—</u>	L = <u>—</u>		
	2. <u>—</u>		2. <u>—</u>		2. <u>—</u>	2. <u>—</u>	2. <u>—</u>	A = <u>—</u>		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>.09</u>	<u>7.74</u>	<u>13.81</u>	<u>15.01</u>	<u>8.56</u>	<u>3.80</u>	<u>1.04</u>	
% on Mesh	<u>0.0</u>	<u>.2</u>	<u>15.5</u>	<u>27.6</u>	<u>29.9</u>	<u>17.1</u>	<u>7.6</u>	<u>2.1</u>	

Screen Analysis — Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks —

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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: February 14, 1992

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299

Product: 5415

VISTA

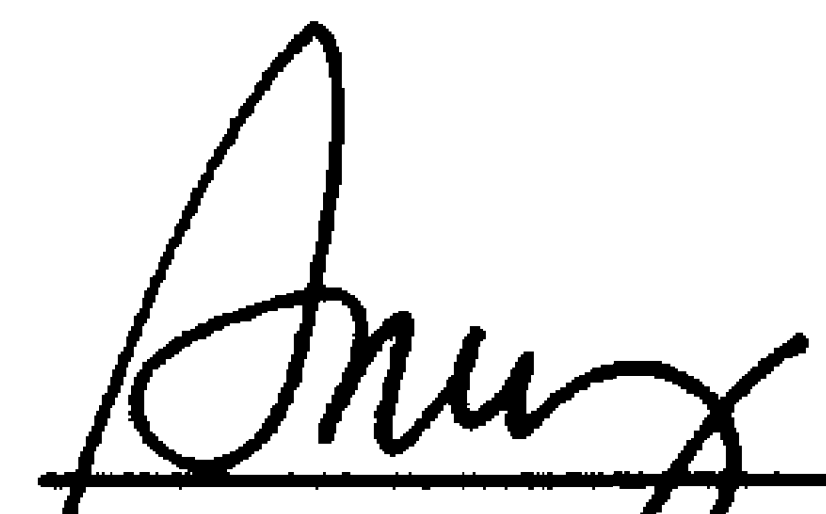
Railcar No: GACX 73408

Attention: L. G. Haefner

Order No.: 0006811-000

Ship Date: February 10, 1992

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.08
Bulk Density	ABR-2A	0.507
Brabender Dry Time, Mins	ABR-7	5.0
Particle Size, % on	ABR-3	
40 Mesh		0.00
200 Mesh		4.2
Pan		1.5
Residual VCM, PPM	ABGC-26	0.024
Inherent Viscosity	ABR-10	1.02


Amy E. Bagwell
Laboratory Supervisor

(601) 369-3624

PVC RAILCAR ANALYSIS

Load Date: 2-8-92 Product: 5415 Car No.: 73408
 Time Logged In: 1830 Logged In By: ES Silo(s): 690+691
 Ship Date: 2/10/92 Order No: 0006811-000 Customer: Blane Premier

NO METAL

Compartment	A		CA		CB		B	
Sample From	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top
Moisture %	.07		.06		.08		.05	
Contamination	BL	<u>3</u>	<u>4</u>	<u>6</u>	<u>5</u>	<u>4</u>	<u>6</u>	<u>3</u>
	BR	<u>6</u>	<u>7</u>	<u>7</u>	<u>5</u>	<u>7</u>	<u>6</u>	<u>7</u>
Bulk Density	<u>.498</u>		<u>.506</u>		<u>.512</u>		<u>.512</u>	
Hard Particle	<u>2</u>	—	—	—	—	—	—	—
	<u>1 p.p.</u>							
Viscosity	<u>1.016</u>							
RVCM	<u>.024</u>							

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>6.00</u>	<u>0.88</u>	<u>24.88</u>	<u>12.42</u>	<u>6.23</u>	<u>2.94</u>	<u>2.08</u>	<u>0.73</u>
%	<u>0.0</u>	<u>1.8</u>	<u>49.8</u>	<u>24.8</u>	<u>12.0</u>	<u>5.9</u>	<u>4.2</u>	<u>1.5</u>

Drytime: 5.0 Static Flow: 0 125 Avg. Microns: 180.6

Color L: 101.08 a -0.05 b 1.13

METS: 9314 , 120.4 %

Technician: D.T.+HAL

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Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 2/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: N/A

Attention: L. G. Haefner

Order No.: 0006481-001

Ship Date: 2/10/92

Trailer No.: 652

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	.10		
Bulk Density, gm/cc	ABR-2B	.512		
Particle Size Dist.	ABR-3	40 mesh	200 mesh	Pan
		0.0	6.6	1.3
Residual VCM, ppm	ABGC-26	.001		
Inherent Viscosity	ABR-10	.72		


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

Date 2-10-92 Product 5305 Trailer Number T-652
 Customer Premier Silo 684 Time 1415
 Technician MA Order No. _____

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.10</u>		1. <u>4/6</u>		1. <u>—</u>	1. <u>.512</u>	1. <u>—</u>	L = <u>97.31</u>	<u>Flow</u> <u>10.0</u>	
	2.		2.		2.	2.	2.	A = <u>.69</u> B = <u>*1.84</u>		
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A = B =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A = B =		

Particle Size Distribution:

Screen Analysis 10 Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>.05</u>	<u>4.61</u>	<u>13.58</u>	<u>18.00</u>	<u>9.40</u>	<u>3.32</u>	<u>.63</u>	
% on Mesh	<u>0.0</u>	<u>.1</u>	<u>9.2</u>	<u>27.2</u>	<u>36.8</u>	<u>18.8</u>	<u>6.6</u>	<u>1.3</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

Vista Polymers
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Vista Chemical Company

Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 2/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299
Attention: L. G. Haefner

Product: 5395

Lot No.: 04828

Order No.: 0006754-000

Date of Shipment: 2/5/92

Trailer No.: 5772

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.05</u>		
Hard Particles @ 7 min.	ABR-12	<u>4</u>		
Bulk Density, gm/cc	ABR-2B	<u>.499</u>		
Barbender Dry Time, min.	ABR-07	<u>4.9</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>7.7</u>	<u>2.0</u>
Residual VCM, ppm	ABGC-26	Not more than 8.5 PPM		
Inherent Viscosity	ABR-10	This material was produced to yield an inherent viscosity in the range of <u>.94</u> an <u>.98</u> .		

Amey Bagwell
Laboratory Supervisor/Lead

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Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: 2/10/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299
Attention: L. G. Hagfner

Product: 5395

Lot No.: 04826

Order No.: 0006754-000

Date of Shipment: 2/5/92

Trailer No.: 5772

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.05</u>		
Hard Particles @ 7 min.	ABR-12	<u>2</u>		
Bulk Density, gm/cc	ABR-2B	<u>.518</u>		
Barbender Dry Time, min.	ABR-07	<u>4.9</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>11.0</u>	<u>2.6</u>
Residual VCM, ppm	ABGC-26	Not more than 8.5 PPM		
Inherent Viscosity	ABR-10	This material was produced to yield an inherent viscosity in the range of <u>.94</u> an <u>.98</u> .		


Laboratory Supervisor/Lead

Regulators or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 11-24
Product Type 5395

Blend Number	Time To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. % Moist.	Static Flow	L & N Values			CPA
				40	60	80	100	120	140	200	Pan						L	A	B	
04826	11/30 R31 BAG SKID	1/10										16 200					20	50	80	
				0.00	0.06	7.17	14.54	14.36	8.11	5.58	1.31									
				0.0	0.1	14.3	29.1	26.7	16.2	11.0	2.6	P	518	4.9		11.1	101.14	-0.06	1.19	
																	20	50	80	
		1	.05																	
		4	.02																	
		7	.01																	
		10	.03																	
		13	.03																	
		16	.05																	
		19	.04																	

RVCN-0001

Altman 2654

6/7/25

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Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A 1

CERTIFICATE OF ANALYSIS

Date: 2/10/92

Product: 5465

VISTA

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299
Attention: L. G. Haefner

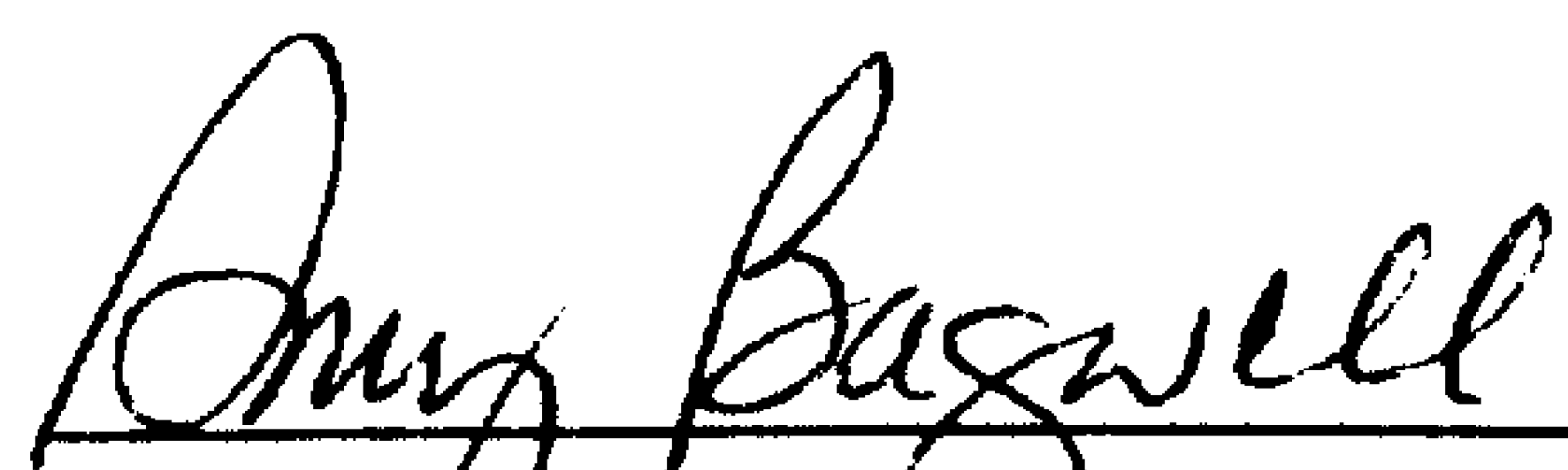
Trailer No.: 5772

Lot No.: 04862

Order No.: 0006754-000

Date of Shipment: 2/5/92

Property	Test Method	Analysis
Moisture, %	ABR-1A	.09
Bulk Density	ABR-2B	.486
Brabender Dry Time, Mins	ABR-7	4.6
Particle Size, % on	ABR-3	
40 Mesh		0.0
200 Mesh		2.2
Pan		1.0
Residual VCM, PPM	ABGC-26	.017
Inherent Viscosity	ABR-10B	1.13


Laboratory Supervisor/Lead

"
Bag Blend

Regulars or Bags

Page ____ of ____ pages

Vinyl Sample Log

Date

1-12-92

Product Type

5465

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Moisture	Static Flow	L & N Values			CPA		Vis					
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy							
04862	No. 0005	BAGS	SKIDS 1	—										50/15 GE		0	—	20	50	80								
			+																									
			10		0.00	.19	23.62	15.91	6.63	2.25	1.08	.51																
					0.0	.41	47.2	31.8	12.9	4.5	2.2	1.0	P	.486	4.6						—	8.6	100.43	.07	1.33			
			M/C SKIDS 1	.08												3/5	4/6	20	50	80			1.13					
	M/C SKIDS 4	.07																								1.13		
	M/C SKIDS 7	.06																										
	M/C SKIDS 10	.07																										
			M/C SKIDS 13	.09													2/6	3/4	20	50	80							
	M/C SKIDS 16	.09																										
	M/C SKIDS 19	.08																										
	M/C SKIDS 22	.07																										
			M/C SKIDS 25	.09													1/5	2/5	20	50	80							
	M/C SKIDS 28	.06																										
Almond 2458			SKIDS 31	.07													1/7		20	50	80							
SKIDS 74,250																												
RVCM-.017																												

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A

CERTIFICATE OF ANALYSIS

Date: 2/4/92

VISTA

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: N/A

Attention: L. G. Haefner

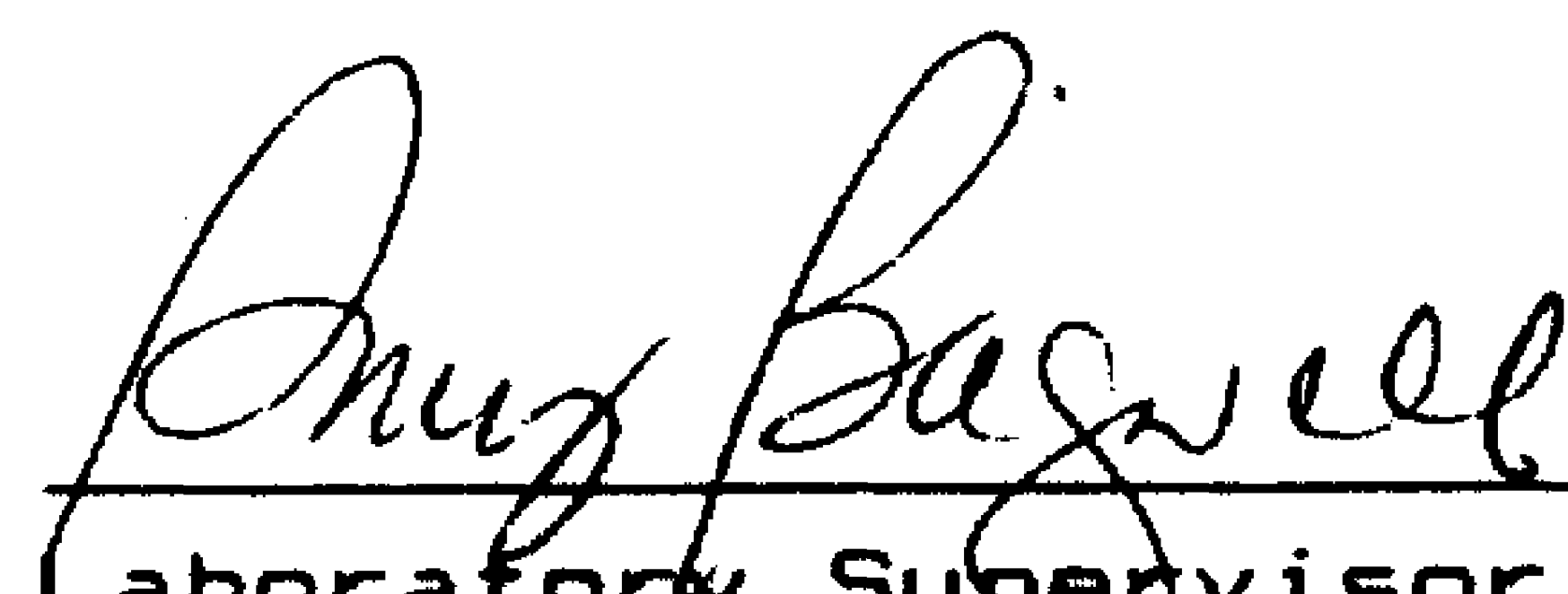
Order No.: 0006481-000

Ship Date: 2/4/92

Trailer No.: 376

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.05</u>		
Bulk Density, gm/cc	ABR-2A	<u>.518</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>8.0</u>	<u>1.6</u>
Residual VCM, ppm	ABGC-26	<u>.035</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		

Polyvinyl Chloride, Virgin Resin, Not Reprocessed.


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 2/4/92 Product 5305 Trailer Number 7-376
 Customer Premiere Silo 680 Time 0940
 Technician ES + DPL Order No. 0006481-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1.05		1.5		1. —	1. .505	1. —	L = 99.07		Flow 9.4
	2.		2.		2.	2. recheck .518	2.	A = 0.66		
MIDDLE	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
✓ Mesh Size									
Gross Wt.	0.00	1.0	18.8	24.9	32.3	17.2	4.8	0.9	
Tare									
Net Wt.	0.00	0.05	4.17	12.55	17.87	10.44	4.01	0.80	
% on Mesh	0.00	0.1	8.3	25.1	36.0	20.9	8.0	1.6	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

	40	60	80	100	120	140	200	Pan	Glassy Part.
Mesh Size									
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

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Highway 25
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Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: *February 3, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: *N/A*

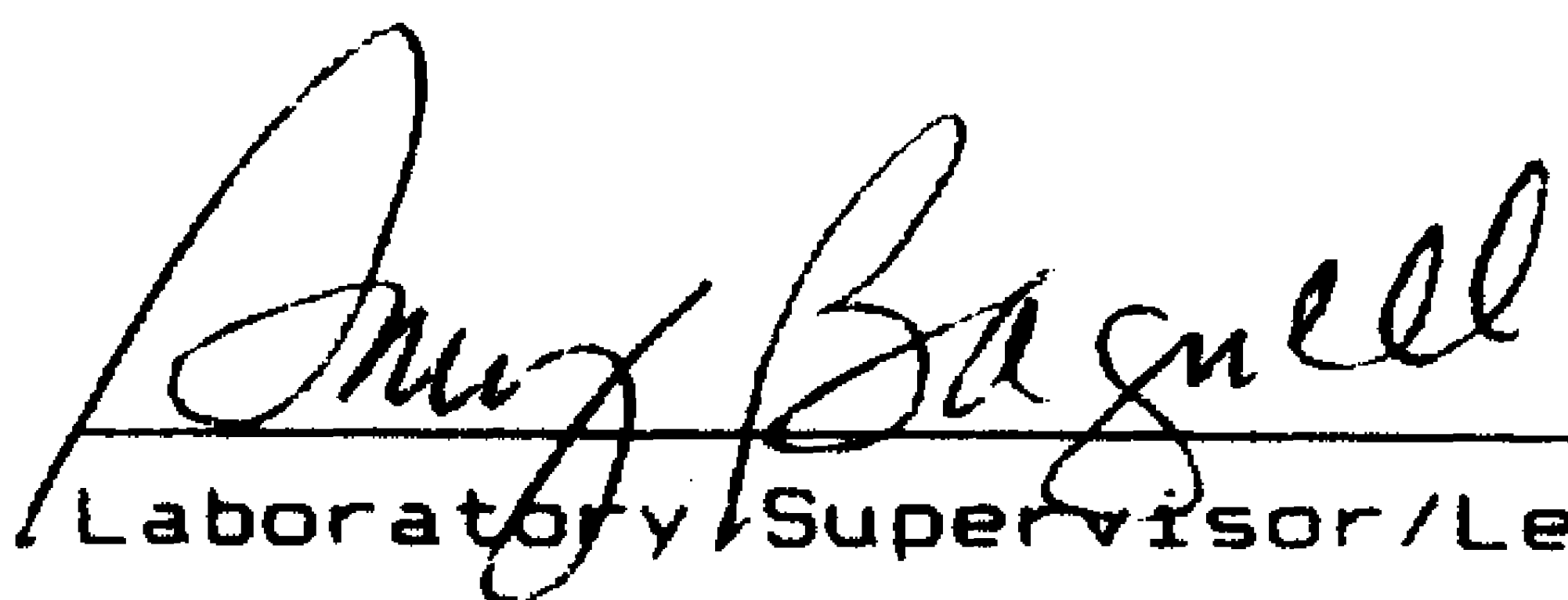
Attention: L. G. Haefner

Order No.: *0065942-000*

Ship Date: *February 3, 1992*

Trailer No.: *371*

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-2B	<u>.02</u>		
Bulk Density, gm/cc	ABR-2B	<u>.510</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>13.6</u>	<u>2.6</u>
Residual VCM, ppm	ABGC-26	<u>.083</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 2-3-92 Product 5305 Trailer Number T-371
 Customer PREMER Silo 683 Time 1030-1055
 Technician D.T.+HPL Order No. 0005942-000

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>0.02</u>		1. <u>9/16</u>		1. <u>—</u>	1. <u>.510</u>	1. <u>—</u>	L = <u>98.04</u>		
	2.		2.		2.	2.	2.	A = <u>1.34</u>		
MIDDLE	1.		1.		1.	1.	1.	L =	<u>0</u> <u>11.3</u>	<u>NO</u> <u>META 2</u>
	2.		2.		2.	2.	2.	A =		
END	1.		1.		1.	1.	1.	L =		
	2.		2.		2.	2.	2.	A =		
								B =		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.	<u>0.00</u>	<u>0.05</u>	<u>3.92</u>	<u>10.31</u>	<u>15.78</u>	<u>11.75</u>	<u>6.82</u>	<u>1.32</u>	
% on Mesh	<u>0.00</u>	<u>0.1</u>	<u>7.8</u>	<u>20.6</u>	<u>31.8</u>	<u>23.5</u>	<u>13.6</u>	<u>2.6</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

✓ C	<u>0.0</u>	<u>0.2</u>	<u>22.8</u>	<u>24.7</u>	<u>29.2</u>	<u>16.3</u>	<u>5.9</u>	<u>1.0</u>	Glassy Part.
Mesh Size	40	60	80	100	120	140	200	Pan	
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

VAB.0001202813

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

VISTA

Date of Shipment: 1/21/92

Paul Berwell
Laboratory Supervisor/Lead

11
Bag Blend

Regulators or Bags
Page _____ of _____ pages

Vinyl Sample Log

Date 12-14-91
Product Type 5265

Blend Number	Time	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. %	Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan						L	A	B		
04847	000000 000000	3A	1 + 10	-									-		-	-	0	20	50	80		
					0.00	.14	6.03	12.53	17.3	9.93	3.42	.69										
					.3	12.1	34.4	19.9	6.8	1.4								98.37	.90	2.03		
			m/c 1	.17												3/9		20	50	80		.651
			m/c 4	.15												2/6						
			m/c 7	.17												3/8		20	50	80		.656
			m/c 10	.16												2/7	RUCM - .001	20	50	80		
			m/c 13	.16												3/9						
			m/c 16	.17												6/10		20	50	80		
			m/c 19	.18												2/9						

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Vista Chemical Company

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Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 1/17/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 04823

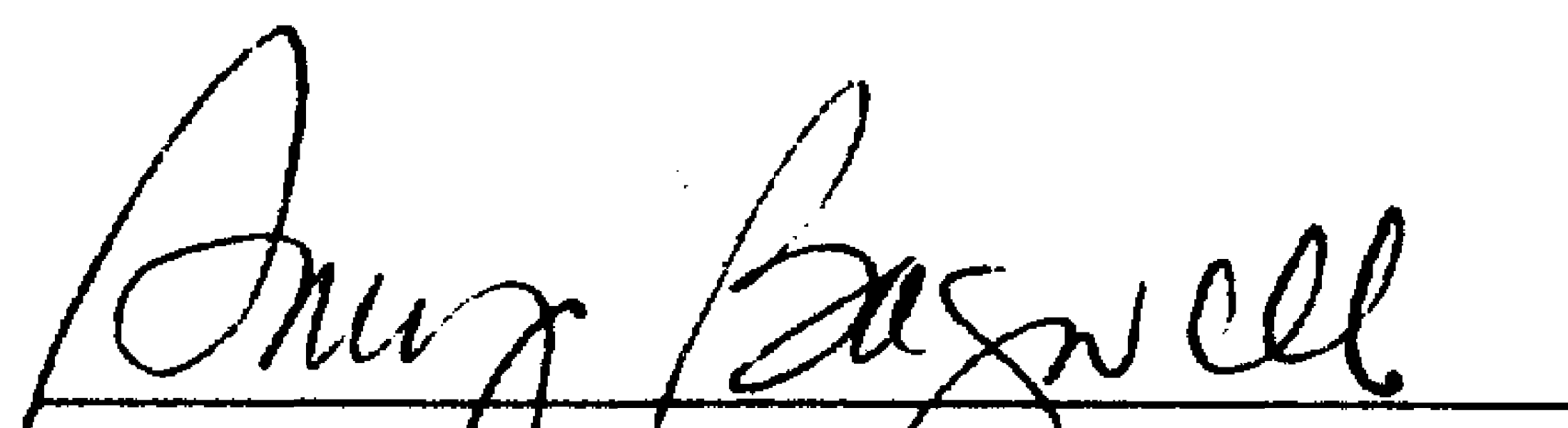
Attention: L. G. Haefner

Order No.: 0005773-000

Ship Date: 1/16/92

Trailer No.: 8247

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-2B	<u>.16</u>		
Bulk Density, gm/cc	ABR-2B	<u>.535</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>8.0</u>	<u>1.9</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		


Laboratory Supervisor/Lead

BA6Blend Vinyl Sample Log

Regulators or Bags

Page 1 of 1 pages

Date 11-18-91

Product Type 5305

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. %	Static Flow	L & N Values			CPA	Visc.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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A Division of
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Highway 25
Post Office Box 91

Aderdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 1/17/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

VISTA

Lot No.: 04854

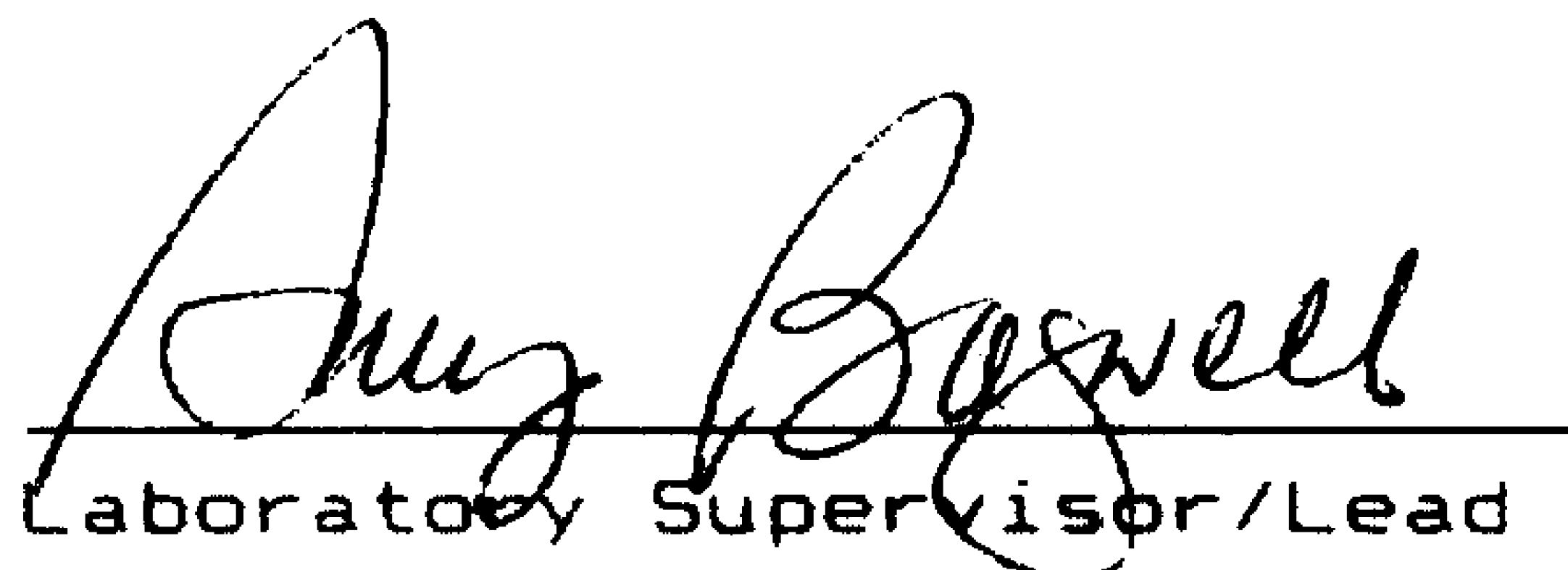
Attention: L. G. Haefner

Order No.: 005773-000

Ship Date: 1/16/92

Trailer No.: 8247

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-2B	<u>.07</u>		
Bulk Density, gm/cc	ABR-2B	<u>.527</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>19.6</u>	<u>2.6</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		


Laboratory Supervisor/Lead

Vinyl Sample Log

Date 12-25-91

Product Type 5305

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution							HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Static Flow	L & N Values			CPA	Visc.
					40	60	80	100	120	140	200	Pan				L	A	B		
04854	2200 RP	bags	1 + 10													20	50	80		
			SKid		00	02	138	794	1536	1398	981	132			0				18.3	
					00	00	28	159	31.1	28.0	19.6	2.6	P	527	88	79.26	0.49	1.79	<1%	
																20	50	80		.727
			1	.03																.729
			4	.02																
			7	.04																
			10	.02																
			13	.04																
			16	.07																
			19	.05																

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CERTIFICATE OF ANALYSIS

Date: 1/17/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299
Attention: L. G. Harfner

Product: 5395

Lot No.: 04813

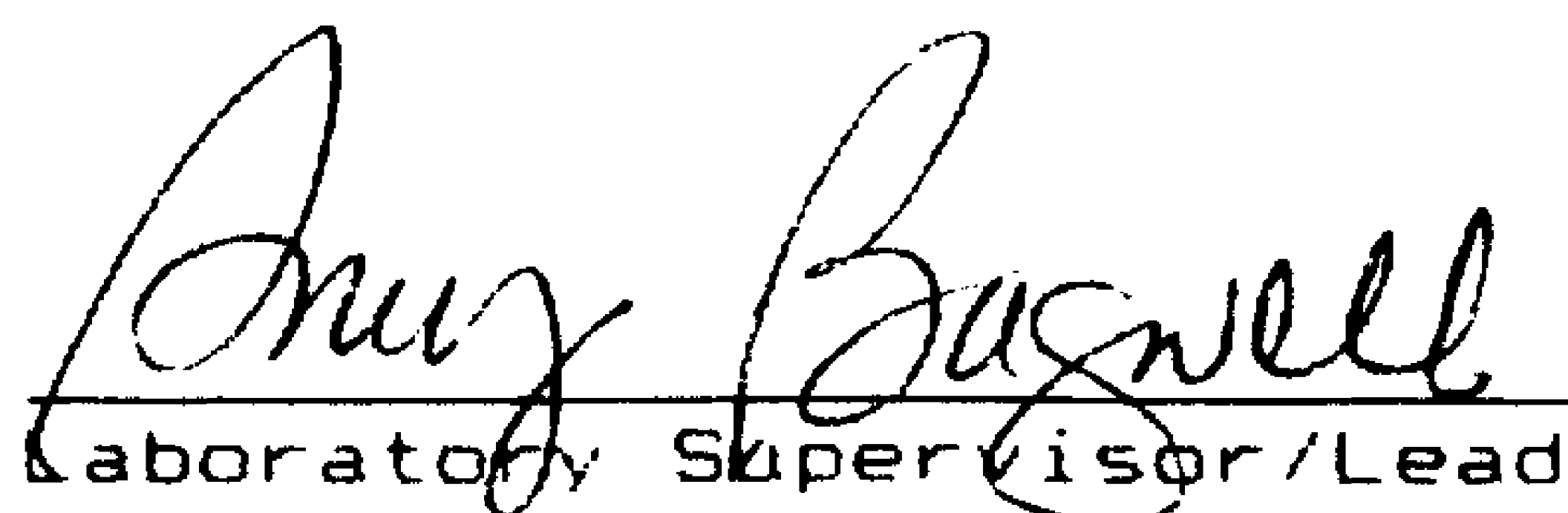
Order No.: 0005773-000

Date of Shipment: 1/16/92

Trailer No.: 8247

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-2B	<u>.12</u>		
Hard Particles @ 7 min.	ABR-12	<u>3</u>		
Bulk Density, gm/cc	ABR-2B	<u>.490</u>		
Barbender Dry Time, min.	ABR-07	<u>4.8</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.4</u>	<u>2.2</u>
Residual VCM, ppm	ABGC-26	Not more than 8.5 PPM		
Inherent Viscosity	ABR-10	This material was produced to yield an inherent viscosity in the range of <u>.94</u> an <u>.98</u> .		


Laboratory Supervisor/Lead

Page ____ of ____ pages

Vinyl Sample Log

Date: 11-10-91

Product Type 5393[illegible]

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Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: *Jan. 15, 1992*

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: *04858*

Attention: L. G. Haefner

Order No.: *0004969-000*

Date of Shipment: *Jan. 13, 1992*

Trailer No.: *7598*

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-2B	<u>.19</u>		
Bulk Density, gm/cc	ABR-2B	<u>.489</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>9.1</u>	<u>1.9</u>
Average Microns		<u>142.7</u>		
Residual VCM, ppm	ABGC-26	<u>.036</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>25.7</u>		

Amy Bagwell
Laboratory Supervisor/Lead

Page ____ of ____ pages

Vinyl Sample Log

Product Type 3320

1-17-92

5325

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. Moisture %	Static Flow	L & N Values			CPA	
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy	
04858	9/15/78	B to G	12	—	0	0	26.54	41.08	43.84	22.31	8.19	.70	—	Avg Microns 142.7	0	0	20	50	80	25.7		
			10		0.00	0.02	6.18	12.58	15.70	9.71	4.34	0.94	P				100	0.39	1.93		<1%	
			Reg.		0.0	0.0	12.4	25.2	32.0	19.4	9.1	1.9										
			1	.19													20	50	80			
			4	.16																		
			7	.17																		
			10	.15																		
			13	.12																		
			16	.10																		
			19	.12																		

Approved 7/18/94

VAB.0001202823

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Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

Date: 1/9/92

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5325

Lot No.: 04857

Attention: L. G. Haefner

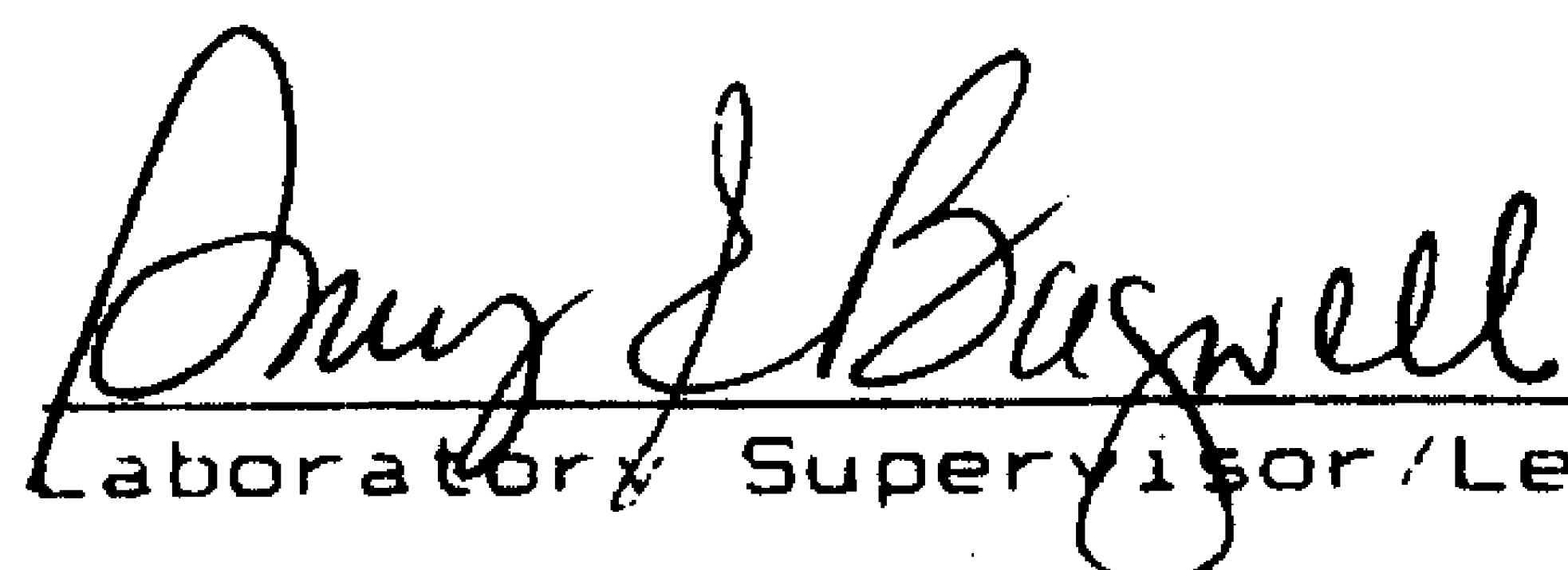
Order No.: 0002918-000

Date of Shipment: 1/7/92

Trailer No.: T-7561

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-2B	<u>.09</u>		
Bulk Density, gm/cc	ABR-2B	<u>.497</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>4.9</u>	<u>1.3</u>
Average Microns		<u>149.0</u>		
Residual VCM, ppm	ABGC-26	<u>.051</u>		
Inherent Viscosity	ABR-10	<u>.82</u>		
Cold Plasticizer Absorption (CPA)	ABR-16	<u>26.6</u>		


Laboratory Supervisor/Lead

Regulars or Bags

Page _____ of _____ pages

Vinyl Sample Log

Date 1-4-92

Product Type 5325

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. unusable	Static Flow	L & N Values			CPA		Visc
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy		
04857	12/30 RH	1/10 SKH	1														0	20	50	80		26.6	.819
			4															20	50	80			.819
			7															20	50	80			.817
			10															20	50	80			
			13															20	50	80			
			16															20	50	80			
			19															20	50	80			

Almond 2658

Regulars or Bags

Page ____ of ____ pages

Vinyl Sample Log

Date

1/6/92

Product Type

5325

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. % Fines	Static Flow	L & N Values			CPA		Visc			
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy					
04857	11/30	✓	8													2	55	20	50	80						
			9													3	32	20	50	80						
			10													1	25	20	50	80						
			11													7	28	20	50	80						
			12													8	27	20	50	80						
																		20	50	80						

Almond 2458

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A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730-0091
Phone (601) 369-8111

A

CERTIFICATE OF ANALYSIS

VISTA

Date: 1/7/92

Product: 5265

Customer: Premier Polymers
3001 Watterson
P.O. Box 99571
Jeffersontown, KY 40299
Attention: L. G. Harfner

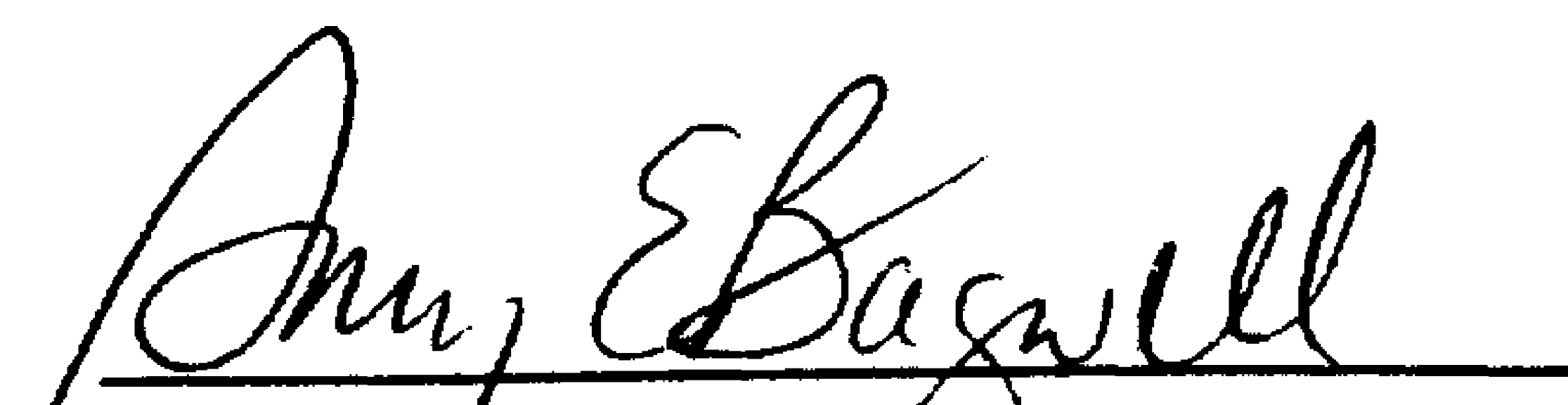
Trailer No.: T-6476

Lot No.: 04845

Order No.: 0002804-002

Date of Shipment: 1/3/92

Property	Test Method	Analysis
Moisture, %	ABR-1A	.17
Inherent Viscosity	ABR-10B	.66
Particle Size, % on	ABR-3	
40 Mesh		0.0
200 Mesh		8.6
Pan		1.9
Residual VCM, PPM	ABGC-26	.001


Laboratory Supervisor/Lead

Bag Blend

Regulars or Bags

Page ____ of ____ pages

Vinyl Sample Log

Date 12-13-91
Product Type 5265

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution								HP Screen Set	Bulk G./C.C.	Dry Time	Cont. %	Static Flow	L & N Values			CPA		Visc						
					40	60	80	100	120	140	200	Pan						L	A	B	Glossy								
04845	0005 0005 0005	BA 075	1	—											—	0	20	50	80										
			4													—	7.4	99.64	0.52	1.93									
			10																										
			m/c 1	.17												5	13	20	50	80							.651		
			m/c 4	.13												2	11	20	50	80								.65	
			m/c 7	.15												6	14	20	50	80									
			m/c 10	.14												3	11	20	50	80									
			m/c 13	.12												2	15	20	50	80									
			m/c 16	.14												3	9	20	50	80									
			m/c 19	.11												6	11	20	50	80									

RVCM .001

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Highway 25
Post Office Box 91

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Phone (601) 369-8111

- A

CERTIFICATE OF ANALYSIS

Date: Jan. 2, 1992

Customer: Premier Polymers
3001 Watterson Trail
P. O. Box 99571
Jeffersontown, KY 40299

Product: 5305

Lot No.: N/A

Attention: L. G. Haefner

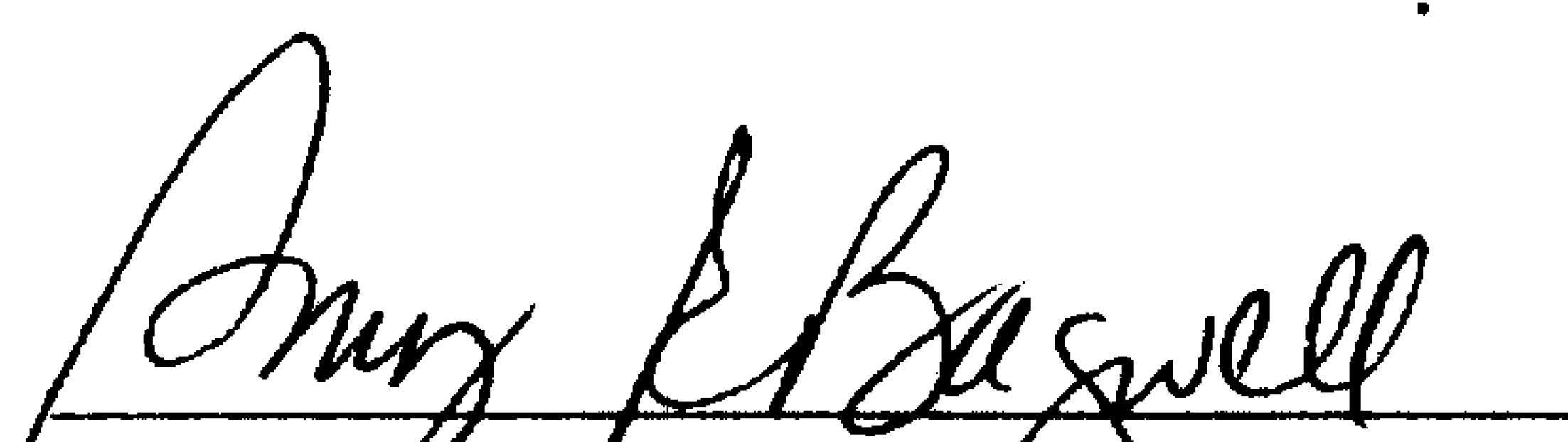
Order No.: 0005034-001

Ship Date: JAN. 2, 1992

Trailer No.: T-480

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-2B	<u>.14</u>		
Bulk Density, gm/cc	ABR-2B	<u>.543</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.00</u>	<u>7.9</u>	<u>1.4</u>
Residual VCM, ppm	ABGC-26	<u>.001</u>		
Inherent Viscosity	ABR-10	<u>.73</u>		


Laboratory Supervisor/Lead

PVC BULK TRAILER ANALYSIS

A

Date 1-2-91 Product 5305 Trailer Number T-480
 Customer Premier Silo 673 Time 13.40
 Technician MT Order No. 0005034-001

	MOIST		CON'T.		GEL	BULK DENSITY	DRY TIME	COLOR	VISC	RVCM
	Top	Bottom	Top	Bottom						
FRONT	1. <u>.14</u>		1. <u>6</u>		1. <u>-</u>	1. <u>.543</u>	1. <u>-</u>	L = <u>10.63</u>	<u>0</u> / <u>7.6</u>	
	2. <u>.....</u>		2. <u>5</u>					A = <u>.03</u>		
MIDDLE	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.9983</u>	<u>Rel</u>	
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.60</u>		
END	1. <u>.....</u>		1. <u>.....</u>		1. <u>.....</u>	1. <u>.....</u>	1. <u>.....</u>	L = <u>.....</u>		
	2. <u>.....</u>		2. <u>.....</u>		2. <u>.....</u>	2. <u>.....</u>	2. <u>.....</u>	A = <u>.....</u>		

Particle Size Distribution:

Screen Analysis _____ Min On Rotap shaker. 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare <u>P</u>									
Net Wt.	<u>0.00</u>	<u>0.05</u>	<u>4.22</u>	<u>12.54</u>	<u>17.16</u>	<u>10.72</u>	<u>3.94</u>	<u>0.72</u>	
% on Mesh	<u>0.00</u>	<u>.1</u>	<u>8.4</u>	<u>25.1</u>	<u>35.7</u>	<u>21.4</u>	<u>7.9</u>	<u>1.4</u>	

Screen Analysis _____ Min. On Rotap shaker 49 gms. Resin plus 1.0 gms. Carb

Mesh Size	40	60	80	100	120	140	200	Pan	Glassy Part.
Gross Wt.									
Tare									
Net Wt.									
% on Mesh									

Remarks _____

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