

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

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

CERTIFICATE OF ANALYSIS

Fax No. 205-383-9424

Date: 9/4/92

VISTA

Customer: Robbins Tire & Rubber
1401 East Sixth Street
Tuscumbia, AL 35674

Product: 5325

Attention: Jerry Jones

Order No.: 0014263-001

Ship Date: 9/2/92

Lot No.: 05015

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.3 Max.	<u>0.23</u>
Bulk Density, gm/cc	ABR-2A	0.460 Min.	<u>0.514</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>11.2</u>
% On Pan		5.0 Max.	<u>3.0</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.001</u>
Inherent Viscosity	ABR-10	0.76 - 0.84	<u>0.80</u>

Amy Bagwell
Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05015 PRODUCT: 5325 DATE: 8/17/92 TIME/TESTED BY: 0715 / P.T.F.HPL

Avg. Microns, 5225/5325/5415: 136.6

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	0.08	4.75	10.35	15.89	11.90	5.60	1.50		16	1						
			0.00	0.2	9.5	20.7	31.6	23.8	11.2	3.0	16	3	22.1	99.5	0.34	1.31	26.0	<1	.001
SKID #1	.20	6/6																.797	
SKID #4	.22	3/3																	
SKID #7	.19	3/3																	
SKID #10	.17	2/2											100						
SKID #13	.21	6/6																.795	
SKID #16	.19	3/4																	
SKID #19	.23	2/3																	
SKID #22	.21	3/4																	
SKID #25	.22	6/5																.796	
SKID #28	.20	8/6																	
SKID #31	.22	9/3																	
SKID #34	.22	6/5																	
SKID #37	.20	3/4																.796	

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CERTIFICATE OF ANALYSIS

Fax No. 205-383-9424

Date: 8/27/92

VISTA

Customer: Robbins Tire & Rubber
1401 East Sixth Street
Tuscumbia, AL 35674

Product: 5325

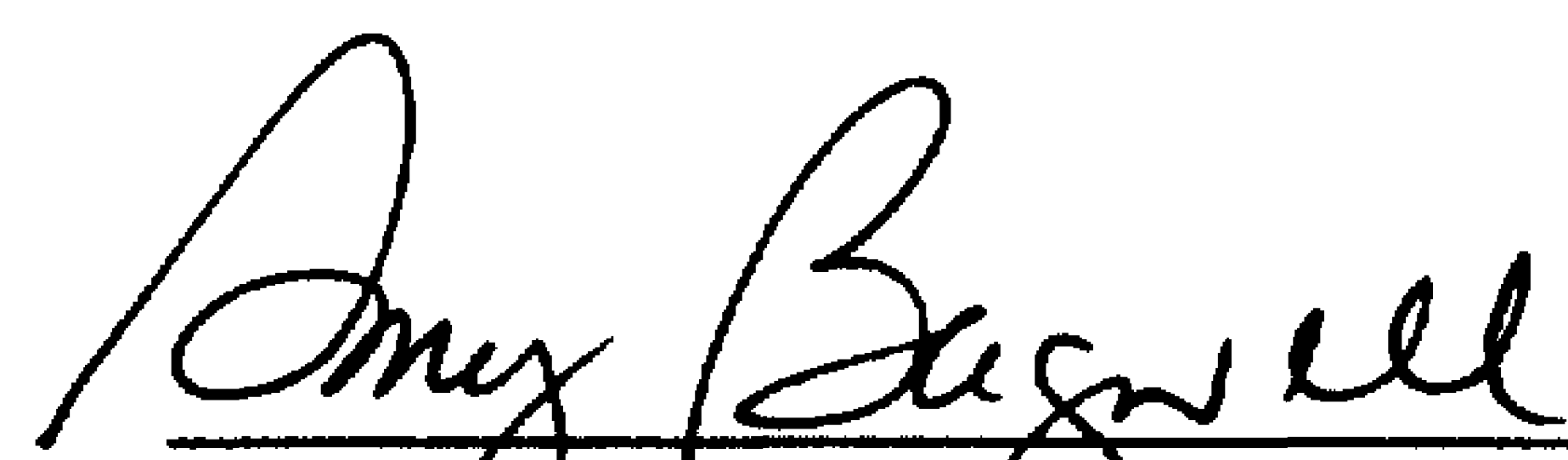
Attention: Jerry Jones

Order No.: 0014263-000

Ship Date: 8/26/92

Lot No.: 05015

<u>Property</u>	<u>Test Method</u>	<u>Specification</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.3 Max.	<u>0.23</u>
Bulk Density, gm/cc	ABR-2A	0.460 Min.	<u>0.514</u>
Particle Size Distribution	ABR-3		
% On 40 Mesh		0.1 Max.	<u>0.0</u>
% On 200 Mesh		NDS	<u>11.2</u>
% On Pan		5.0 Max.	<u>3.0</u>
Residual VCM, ppm	ABGC-26	8.5 Max.	<u>0.001</u>
Inherent Viscosity	ABR-10	0.76 - 0.84	<u>0.80</u>


Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 05015 PRODUCT: 5325 DATE: 8/17/92 TIME/TESTED BY: 0715 / P.T.F.HPL

AVG. MICRONS, 5225/5325/5415: 136.6

SKID NO.	X MOIST	BLACK/ BROWN CONT.	PARTICLE SIZE DISTRIBUTION							BULK DENS	S/T 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			
COM- POSITE RESULTS	COMPOSITE OF 1, 13, 25 & 37		0.00	0.08	4.75	10.35	15.89	11.90	5.60	1.50		16	1						
			0.00	0.2	9.5	20.7	31.6	23.8	11.2	3.0	.457	3	22.1	99.85	0.34	1.31	26.0	<1	.001
SKID #1	.20	6/6									Hi-sil							.797	
SKID #4	.22	3/3									.524								
SKID #7	.19	3/3									Res								
SKID #10	.17	2/2									.54		100						
SKID #13	.21	6/6																.795	
SKID #16	.19	3/4																	
SKID #19	.23	2/3																	
SKID #22	.21	3/4																	
SKID #25	.22	6/5																.796	
SKID #28	.20	8/6																	
SKID #31	.22	9/3																	
SKID #34	.22	6/5																	
SKID #37	.20	3/4																.796	

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CERTIFICATE OF ANALYSIS

VISTA

Date: 8/5/92

Customer: Robbins Tire & Rubber
1401 East Sixth Street
Tuscumbia, AL 35674

Product: 5325

Attention: Jerry Jones

Order No.: 0012123-000

Ship Date: 8/4/92

Lot No.: 04949

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.30</u>		
Bulk Density, gm/cc	ABR-2A	<u>.573</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>16.5</u>	<u>2.5</u>
Residual VCM, ppm	ABGC-26	<u>.054</u>		
Inherent Viscosity	ABR-10	<u>.82</u>		

Amy Bagwell
Laboratory Supervisor/Lead

RESIN BAC BLEND

BLEND NO: 04949 PRODUCT: 5325 DATE: 5/4/92 TIME/TESTED BY: 1930/ KX DT

AVG. Microns, 5225/5325/5415: 283

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	0.05	2.55	8.65	15.55	13.72	8.25	1.25				0						
			0.00	0.1	5.1	17.3	31.1	27.4	16.5	2.5	5.73			11.9	0.52	1.28				.054
NO. 1	30	8/8																		
NO. 4	23	5/8																	.824	
NO. 7	21	4/10																	.803	
NO. 10	18	5/8																		
NO. 13	24	3/7																		
NO. 16	23	6/6																		
NO. 19	22	5/7																		

NOT FOR PREVIEW!

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CERTIFICATE OF ANALYSIS

VISTA

Date: 6/11/92

Customer: Robbins Tire & Rubber
1401 East Sixth Street
Tuscumbia, AL 35674

Product: 5325

Attention: Jerry Jones

Order No.: 0012123-000

Ship Date: 6/9/92

Lot No.: 04949

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	<u>.30</u>
Bulk Density, gm/cc	ABR-2A	<u>.573</u>
Particle Size Dist.	ABR-3 <u>40 mesh</u>	<u>200 mesh</u> <u>Pan</u>
	<u>0.0</u>	<u>16.5</u> <u>2.5</u>
Residual VCM, ppm	ABGC-26	<u>.054</u>
Inherent Viscosity	ABR-10	<u>.82</u>

Amy Bugnell
Laboratory Supervisor/Lead

RESIN BAC BLEND

BLEND NO: 04949 PRODUCT: 5325 DATE: 5/4/92 TIME/TESTED BY: 1930/ KX DT

AVG. MICRONS, 5225/5325/5415: 2293

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	0.05	2.55	8.65	13.72	8.25	1.25				0							
			0.00	0.1	5.1	17.3	31.1	27.4	16.5	2.5	573	—	119	10.58	0.52	1.28		.054		
NO. 1	30	8/8																.824		
NO. 4	23	5/8																.803		
NO. 7	21	6/10																		
NO. 10	18	5/8																		
NO. 13	24	3/7																		
NO. 16	23	6/6																		
NO. 19	22	5/7																		

NOT FOR PREMIER!

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CERTIFICATE OF ANALYSIS

VISTA

Date: 6/5/92

Customer: Robbins Tire & Rubber
1401 East Sixth Street
Tuscumbia, AL 35674

Product: 5325

Attention: Jerry Jones

Order No.: 0011217-000

Ship Date: 6/4/92

Lot No.: 04948

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	<u>.24</u>		
Bulk Density, gm/cc	ABR-2A	<u>.590</u>		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		<u>0.0</u>	<u>13.8</u>	<u>1.8</u>
Residual VCM, ppm	ABGC-26	<u>.059</u>		
Inherent Viscosity	ABR-10	<u>.81</u>		

Amy Bagwell
Laboratory Supervisor/Lead

RESIN BAG BLEND

BLEND NO: 04948

PRODUCT: 5325

DATE: 5/3/92

TIME/TESTED BY: 1930 AK

AVG. MICRONS, 5225/5325/5415: 132.5

Robbins Tire Only

SKID NO.	% MOIST	BLK/BRN 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			
COMP. SAMPLES	14		000	007	2.80	9.60	16.60	13.00	6.90	0.91				0						
	10		000	0.1	5.6	19.2	33.5	26.0	13.8	1.8	590	—	—	0	100	150	142			059
NO. 1	.23	7/7																		
NO. 4	.21	11/7																	.8/3	
NO. 7	.21	6/9																	.8/4	
NO. 10	.23	8/6																		
NO. 13	.20	7/12																		
NO. 16	.22	6/6																		
NO. 19	.24	5/5																		

Vista Polymers
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Highway 25
Post Office Box 91

Aberdeen, Mississippi 39730
Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

Date: April 23, 1992

Customer: Robbins Tire & Rubber
1401 East Sixth Street
Tuscumbia, AL 35674

Product: 5325

Attention: Jerry Jones

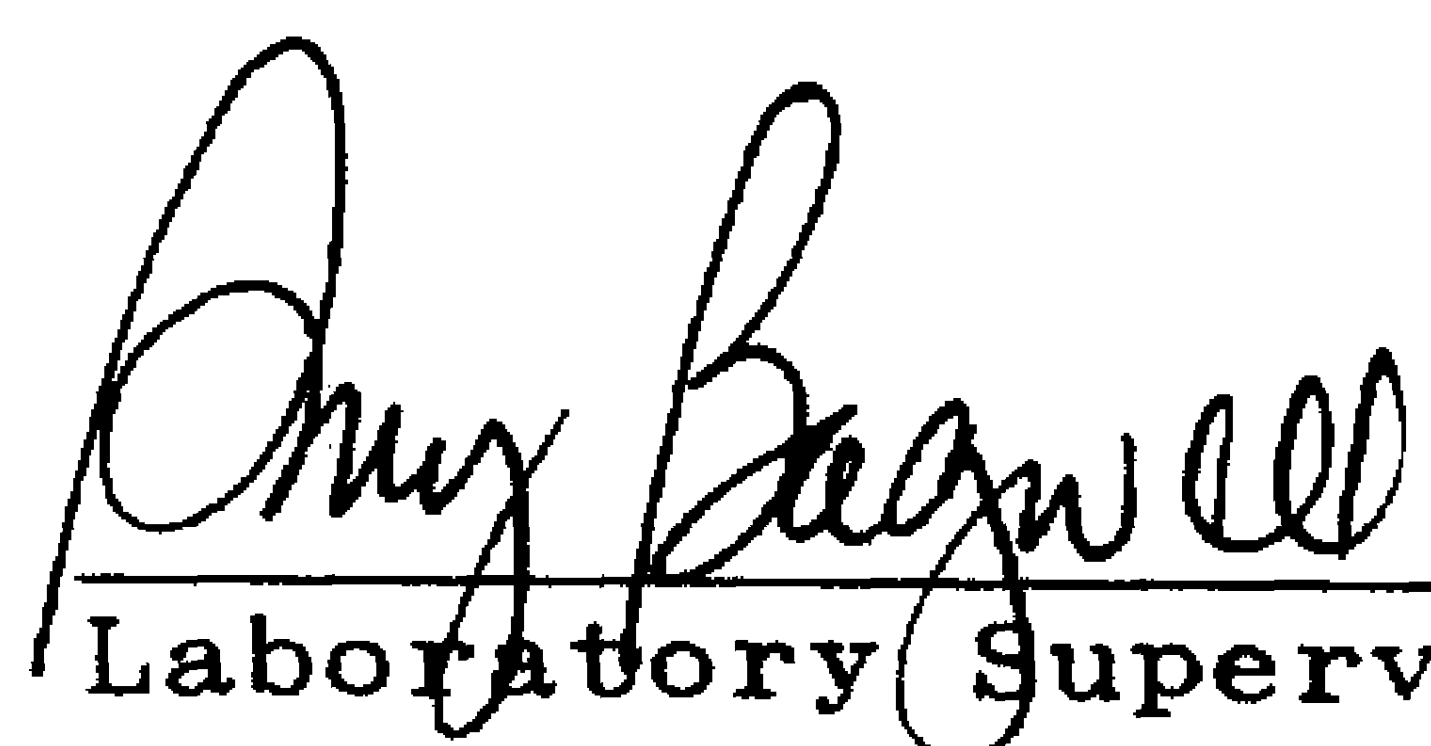
Order No.: 0009792-000

Ship Date: April 21, 1992

Lot No.: 04912

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>		
Moisture, %	ABR-1A	0.13		
Bulk Density, gm/cc	ABR-2A	0.486		
Particle Size Dist.	ABR-3	<u>40 mesh</u>	<u>200 mesh</u>	<u>Pan</u>
		0.00	6.4	1.2
Residual VCM, ppm	ABGC-26	0.737		
Inherent Viscosity	ABR-10	0.81		


Laboratory Supervisor/Lead

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. %	Static Flow	L & N Values			CPA		Visc.		
					40	60	80	100	120	140	200	Pan						L	A	B	Glassy				
04912	10.50 / RH		1 / 10 SKID			.34	23.11	44.34	48.77	21.51	5.76	.44						20	50	80			25.9		
					.00	.03	5.41	13.58	17.84	9.34	3.20	.62													
					.00	.1	10.8	22.2	35.6	18.7	6.4	1.2	P												
			1	.05																				806	
			4	.13																					812
			7	.11																					
			10	.06																					
			13	.07																					
			16	.08																					
			19	.08																					

RVM - 737

Vista Polymers
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CERTIFICATE OF ANALYSIS

VISTA

Date: March 20, 1992

Customer: Robbins Tire & Rubber
Tuscumbia, AL

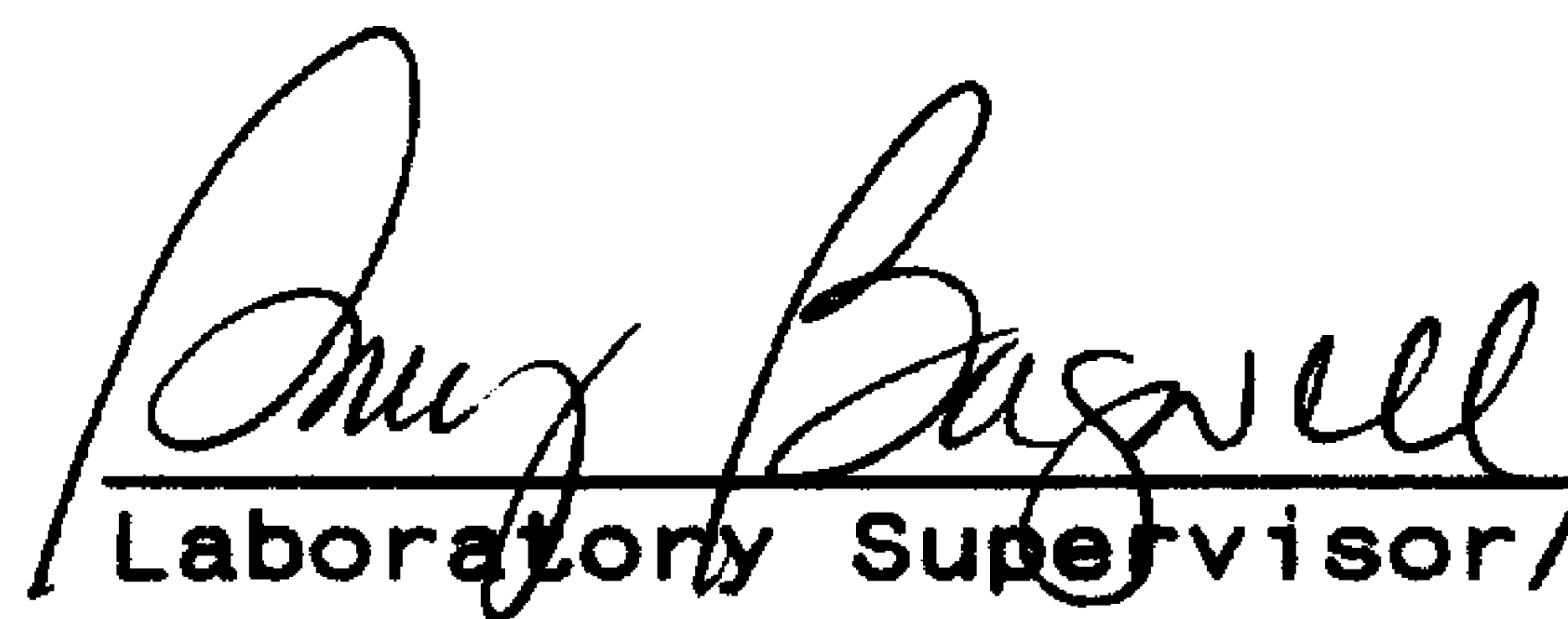
Attention: C. Cooper
S & T - Houston

Product: 5325

Order No.: 0008241-000

Ship Date: March 13, 1992

<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>
Residual VCM, ppm	ABGC-26	<u>.067</u>
Inherent Viscosity	ABR-10	<u>.80</u>


Laboratory Supervisor/Lead

"Bag Blend"

for 40000

Regulars or Bags

Page ____ of ____ pages

Vinyl Sample Log

Date 3-12-92
Product Type 5325

Blend Number	Time By	To	Sample No.	Moist.	Particle Size Distribution										HP Screen Set	Bulk G./C.C.	Dry Time	Cont. unmo Black	Static Flow	L & N Values			CPA		Visc.
					40	60	80	100	120	140	200	Pan	L	A						B	Glassy				
04911	2005/03/09	BAG 5	1	—	0	.67	23.11	44.33	48.22	21.34	5.67	.63	—	MEK 2005 - 1444.0	—	0	9.9	20	50	80					
			→																						
			10	0.20	.12	5.40	13.60	17.00	9.30	3.13	.85	P	.491	99.47	46			1.66							
				0.0	.2	10.8	27.2	35.2	18.6	6.3	1.7														
			m/c 1	.12											2		20	50	80				.802		
			m/c 4	.14											1	5	20	50	80				.809		
			m/c 7	.16											3	7	20	50	80						
			m/c 10	.14											2	6	20	50	80						
			m/c 13	.17											1	4	20	50	80						
			m/c 16	.14											3	7	20	50	80						
			m/c 19	.15											2	6	20	50	80						

TRANSMISSION CONFIRMATION REPORT No.=000423

DATE/TIME	NOV 10, 1989 10:03AM
DURATION	45s
TRANSMITTER (FROM)	OMNIFAX 0 1 2 3 4 5 6 7 8 9
RECEIVER (TO)	----- 61727
PAGES XMITTED	02
PAGES ERRORED	
RESULT	OK
COMM. MODE	G3
RESOLUTION	NORMAL

VAB.0001202881

55-0000349