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

VISTA

Date: 19 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: UTCX-46434

Lot No.:

Attention: Dale King

Order No.: 881425-090

Date of Shipment: 18 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	.16
Bulk Density, GM/CC	ABR-2A	.559
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.0 / 0.3
80 Mesh/ 100 Mesh		19.1 / 22.5
120 Mesh/ 140 Mesh		29.6 / 15.5
200 Mesh/ Pan		10.3 / 2.7
Color - L	ABR-9	99.48
a		.11
b		1.49
Contamination, Blk./Brn.	ABR-5A	16 / 54
Static Flow, Seconds	ABR-8	8.0
Vinyl Chloride Monomer	ABGC-26	.359
Inherent Viscosity	ABR-10	.93

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193585

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 2-17-91 Product: 5385 Car No.: 46434

Time Logged In: 0600 Logged In By: TE

Ship Date: _____ Silo(s): 689 Customer: Gold Bond

No metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.16		.15		.12		.09	
Contamination	16/54	—	2/6	—	2/5	—	3/15	—
Bulk Density	.576		.546		.541		.546	
Fluff								
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.921							
RVCM	.359							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	0.15	9.54	11.23	14.55	7.76	5.15	1.35
%	0.00	.3	19.1	22.5	29.1	15.5	10.3	2.7

Drytime: _____ Static Flow: 0 18.0 Avg. Microns: 147.2

Color L: 99.48 a 0.11 b 1.49

Technician: A.T. + R.H.

VAB.0001193586

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Highway 25
Post Office Box 91

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Phone (601) 369-8111

CERTIFICATE OF ANALYSIS

VISTA

Date: 15 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: VIPX-45800

Lot No.:

Attention: Dale King

Order No.: 881425-089

Date of Shipment: 14 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	.06
Bulk Density, GM/CC	ABR-2A	.583
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.0 / 1.4
80 Mesh/ 100 Mesh		30.3 / 21.4
120 Mesh/ 140 Mesh		24.3 / 12.2
200 Mesh/ Pan		8.3 / 2.2
Color - L	ABR-9	99.98
a		.10
b		1.60
Contamination, Blk./Brn.	ABR-5A	4 / 69
Static Flow, Seconds	ABR-8	8.8
Vinyl Chloride Monomer	ABGC-26	.109
Inherent Viscosity	ABR-10	.92

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193587

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 2-15-91 Product: 5385 Car No.: 45800

Time Logged In: 0600 Logged In By: MT

Ship Date: _____ Silo(s): 689 Customer: [illegible]

No METAL

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.05		.04		.06		.06	
Contamination	5/58	—	4/[illegible]	—	3/12	—	4/15	—
Bulk Density	.584		.583		.580		.572	
Fluff	.590		.588		.575		.574	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.924							
RVCM	.109							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	0.68	15.17	18.69	12.10	6.11	4.15	1.12
%	0.00	1.4	30.3	37.4	24.2	12.2	8.3	2.2

Drytime: _____ Static Flow: 0.188 Avg. Microns: 159.9

Color L: 79.98 a 0.10 b 1.66

Technician: A.J. & R.H.

VAB.0001193588

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CERTIFICATE OF ANALYSIS

VISTA

Date: 15 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: PLCX-43701

Attention: Dale King

Order No.: 881425-088

Date of Shipment: 13 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.09
Bulk Density, GM/CC	ABR-2A	0.574
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 0.5
80 Mesh/ 100 Mesh		31.0/28.0
120 Mesh/ 140 Mesh		24.2/ 9.3
200 Mesh/ Pan		5.3/ 1.7
Color - L	ABR-9	99.72
a		0.06
b		1.49
Contamination, Blk./Brn.	ABR-5A	4/ 16
Static Flow, Seconds	ABR-8	8.5
Vinyl Chloride Monomer	ABGC-26	0.509
Inherent Viscosity	ABR-10	0.92

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

PLCX

Load Date: 2-9-91 Product: 5385 Car No.: 43701

Time Logged In: 23:00 Logged In By: PT. Dold Bond

Ship Date: 13 Silo(s): 676 Customer: ~~HS~~

88/425-088

no metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.09		.02		.02		.02	
Contamination	2/25	—	2/15	—	1/11	—	4/16	—
Bulk Density	.565		.574		.579		.578	
Fluff	.578		.571		.573		.575	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.917							
RVCM	.509							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	.23	15.49	14.02	11.89	4.63	2.66	.94
%	0.0	.5	31.0	28.0	24.2	9.3	5.3	1.7

Drytime: _____ Static Flow: 0 18.5 Avg. Microns: 162.9

Color L: 99.72 a 0.06 b 1.49

Technician: Co, MT, ES

VAB.0001193590

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CERTIFICATE OF ANALYSIS

VISTA

Date: 14 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: VIPX-45778

Attention: Dale King

Order No.: 881425-087

Date of Shipment: 11 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.04
Bulk Density, GM/CC	ABR-2A	0.570
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 0.7
80 Mesh/ 100 Mesh		22.6/25.5
120 Mesh/ 140 Mesh		26.9/13.9
200 Mesh/ Pan		8.4/ 2.0
Color - L	ABR-9	100.02
a		0.15
b		1.55
Contamination, Blk./Brn.	ABR-5A	4/ 10
Static Flow, Seconds	ABR-8	9.3
Vinyl Chloride Monomer	ABGC-26	0.332
Inherent Viscosity	ABR-10	0.92

Billy P. Sizemore

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193591

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

VIPX

Load Date: 2-9-91 Product: 5385 Car No.: 45778

Time Logged In: 23:00 Logged In By: P.T.

Ship Date: 11 Silo(s): 689 Customer: ITT S. Holds B.

881425-087

no metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.01		.01		.04		.03	
Contamination	2/17	—	4/10	—	2/9	—	3/35	—
Bulk Density	.570		.572		.568		.569	
Fluff	.569		.565		.567		.573	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.920							
RVCM	.332							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.0	0.36	11.32	12.75	13.18	6.96	4.20	0.99
%	0.0	0.7	22.6	25.5	26.9	13.9	8.4	2.0

Drytime: _____ Static Flow: 0 / 9.3 Avg. Microns: 153.4

Color L: 100.02 a 0.15 b 1.55

Technician: G. MT. ES

VAB.0001193592

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Highway 25
Post Office Box 91

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

CERTIFICATE OF ANALYSIS

VISTA

Date: 14 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: PLCX-43278

Lot No.:

Attention: Dale King

Order No.: 881425-078

Date of Shipment: 14 JAN. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	.16
Bulk Density, GM/CC	ABR-2A	.575
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.0 / 2.2
80 Mesh/ 100 Mesh		35.6 / 25.7
120 Mesh/ 140 Mesh		21.1 / 8.4
200 Mesh/ Pan		5.4 / 1.6
Color - L	ABR-9	99.84
a		-.08
b		1.49
Contamination, Blk./Brn.	ABR-5A	3 / 7
Static Flow, Seconds	ABR-8	7.4
Vinyl Chloride Monomer	ABGC-26	.604
Inherent Viscosity	ABR-10	.92

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193593

PVC RAILCAR ANALYSIS

PLCX

Load Date: 1-13-91 Product: 5385 III-S Car No.: 43278

Time Logged In: 06:00 Logged In By: P.T.

Ship Date: 14 Feb. 91 Silo(s): 676, 677, 685 Customer: Gold Bond 881425-078

NO MGM/

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.14		.13		.16		.43	.45 Res. 1-15-91 TE
Contamination	1/6	—	2/7	—	3/7	—	1/3	.17 Res.2 1-15-91 TE
Bulk Density	.581		.583		.584		.550	
Fluff	.575		.574		.580		.566	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.922							
RVCM	.604							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	1.10	17.82	12.85	9.55	4.18	2.70	0.82
%	0.0	2.2	35.6	25.7	21.1	8.4	5.4	1.6

Drytime: — Static Flow: 0 17.4 Avg. Microns: 169.5

Color L: 99.84 a -0.08 b 1.49

Technician: TE-JPS

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 1.13-91 Product: 5385 Car No.: 43278

Time Logged In: 0600 Logged In By: A.J.

Ship Date: _____ Silo(s): 676-677-685 Customer: _____

1.18-91
Backyards

	A		CA		CB		B Bottom	
	1st	2nd	1st	2nd	1st	2nd	1st West	2nd East
Moisture							.12	.11
Contamination	___	___	___	___	___	___	___	___
Bulk Density								
Fluff								
Hard Particle	___	___	___	___	___	___	___	___
Viscosity								
RVCM								
40 Mesh/Glassies								

Screen Analysis

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

Drytime: _____ Static Flow: ____/____ Avg. Microns: _____

Color L: _____ a _____ b _____

Technician: _____

VAB.0001193595

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Highway 25
Post Office Box 91

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CERTIFICATE OF ANALYSIS

VISTA

Date: 11 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: PLCX-43431

Lot No.:

Attention: Dale King

Order No.: 881425-086

Date of Shipment: 8 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	.04
Bulk Density, GM/CC	ABR-2A	.579
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.0 / 0.8
80 Mesh/ 100 Mesh		22.3 / 23.4
120 Mesh/ 140 Mesh		26.0 / 14.5
200 Mesh/ Pan		10.4 / 2.6
Color - L	ABR-9	100.17
a		0.10
b		1.43
Contamination, Blk./Brn.	ABR-5A	4 / 30
Static Flow, Seconds	ABR-8	10.0
Vinyl Chloride Monomer	ABGC-26	.581
Inherent Viscosity	ABR-10	.93

Billy T. Bizzmore
Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193596

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 2-6-91 Product: 5385 Car No. 43431

Time Logged In: 2500 Logged In By: [illegible]

Ship Date: _____ Silo(s): 677,685 Customer: _____

no metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.02		.04		.03		.01	
Contamination	4/9	—	4/30	—	6/12	—	5/24	—
Bulk Density	.581		.573		.585		.579	
Fluff	.574		.575		.579		.576	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.925							
RVCM	.581							
40 Mesh/Glassies	0		2		1		1	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	.39	11.17	11.69	12.96	7.26	5.18	1.30
%	0.0	.8	22.3	23.4	26.0	14.5	10.4	2.6

Drytime: _____ Static Flow: 0 / 10.0 Avg. Microns: 151.2

Color L: 100.17 a 0.10 b 1.43

Technician: G, MT, ES

VAB.0001193597

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Highway 25
Post Office Box 91

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

A

CERTIFICATE OF ANALYSIS

VISTA

Date: 11 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: UTCX-46553

Lot No.:

Attention: Dale King

Order No.: 881425-085

Date of Shipment: 8 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	.07
Bulk Density, GM/CC	ABR-2A	.589
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.0 / 0.6
80 Mesh/ 100 Mesh		30.5 / 23.5
120 Mesh/ 140 Mesh		24.4 / 11.3
200 Mesh/ Pan		7.8 / 1.9
Color - L	ABR-9	99.80
a		0.16
b		1.79
Contamination, Blk./Brn.	ABR-5A	6 / 15
Static Flow, Seconds	ABR-8	8.2
Vinyl Chloride Monomer	ABGC-26	.059
Inherent Viscosity	ABR-10	.92

Billy Bizemore
Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193598

Vista Polymers Highway 25 Aberdeen, MS 39730

A

PVC RAILCAR ANALYSIS

Load Date: 2-6-91 Product: 5385 III-S Car No.: 46553

Time Logged In: 18:00 Logged In By: P.T.

Ship Date: _____ Silo(s): 676, 677, 685 Customer: _____

No METAL

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.06		.07		.06		.05	
Contamination	3/8	—	4/11	—	6/15	—	4/9	—
Bulk Density	.588		.589		.590		.589	
Fluff	.584		.584		.585		.586	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.921							
RVCM	.059							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	0.28	15.27	11.77	11.38	5.67	3.88	0.96
%	0.00	.6	30.5	23.5	24.4	11.3	7.8	1.9

Drytime: — Static Flow: 0/8.2 Avg. Microns: 159.7

Color L: 99.80 a 0.16 b 1.79

Technician: A.S. & R.H.

VAB.0001193599

Vista Polymers
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Highway 25
Post Office Box 91

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

CERTIFICATE OF ANALYSIS

VISTA

Date: 8 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: VIPX-45878

Attention: Dale King

Order No.: 881425-083

Date of Shipment: 6 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.07
Bulk Density, GM/CC	ABR-2A	0.586
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 5.7
80 Mesh/ 100 Mesh		31.7/22.7
120 Mesh/ 140 Mesh		19.7/10.9
200 Mesh/ Pan		7.3/ 2.0
Color - L	ABR-9	99.34
a		0.09
b		1.81
Contamination, Blk./Brn.	ABR-5A	3/ 5
Static Flow, Seconds	ABR-8	9.9
Vinyl Chloride Monomer	ABGC-26	0.147
Inherent Viscosity	ABR-10	0.93

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

A

VIPX

Load Date: 2-5-91 Product: 5385 Car No.: 45878

Time Logged In: 18:20 Logged In By: P.T.

Ship Date: 6 Silo(s): 676, 677, 685 Customer: Gold Bond

881425-084

NO METAL

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.05		.06		.05		.07	
Contamination	3/5	—	2/7	—	3/4	—	2/5	—
Bulk Density	.581		.580		.594		.589	
Fluff	.584		.585		.593		.588	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.930							
RVCM	.147							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	1.84	15.80	11.36	10.69	5.46	3.66	1.00
%	0.00	5.7	31.7	22.7	19.7	10.9	7.3	2.0

Drytime: _____ Static Flow: 0 / 9.9 Avg. Microns: 170.8

Color L: 99.34 a 0.09 b 1.81

Technician: A.T. + R.H.

VAB.0001193601

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Highway 25
Post Office Box 91

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

CERTIFICATE OF ANALYSIS

VISTA

Date: 8 Feb. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: VIPX-45922

Attention: Dale King

Order No.: 881425-083

Date of Shipment: 6 Feb. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.11
Bulk Density, GM/CC	ABR-2A	0.577
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 0.9
80 Mesh/ 100 Mesh		24.7/24.2
120 Mesh/ 140 Mesh		25.6/13.9
200 Mesh/ Pan		8.4/ 2.3
Color - L	ABR-9	99.92
a		0.20
b		1.73
Contamination, Blk./Brn.	ABR-5A	21/ 12
Static Flow, Seconds	ABR-8	0/9.6
Vinyl Chloride Monomer	ABGC-26	0.010
Inherent Viscosity	ABR-10	0.93

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193602

Vista Polymers Highway 25 Aberdeen, MS 39730

A

PVC RAILCAR ANALYSIS

VIPX

Load Date: 2-4-91 Product: 5385 III-S Car No.: 45922

Time Logged In: 2230 Logged In By: TE

Ship Date: 5 Feb. 91 Silo(s): 676-677-685 Customer: Gold Bond

881425-083

NONMETAL	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.04		.11		.10		.09	
Contamination	12/6	—	9/8	—	21/12	—	16/19	—
Bulk Density	.574		.581		.578		.577	
Fluff	.573		.574		.575		.572	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.927							
RVCM	.010							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	0.47	12.37	12.09	12.81	6.93	4.20	1.13
%	0.0	0.9	24.7	24.2	25.6	13.9	8.4	2.3

Drytime: — Static Flow: 0 19.6 Avg. Microns: 154.8

Color L: 99.92 a 0.20 b 1.73

Technician: TE

VAB.0001193603

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: 24 Jan. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: VIPX-45871

Attention: Dale King

Order No.: 881425-082

Date of Shipment: 18 Jan. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.04
Bulk Density, GM/CC	ABR-2A	0.582
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 5.0
80 Mesh/ 100 Mesh		40.4/23.3
120 Mesh/ 140 Mesh		16.7/ 8.7
200 Mesh/ Pan		4.5/ 1.4
Color - L	ABR-9	99.95
a		0.06
b		1.51
Contamination, Blk./Brn.	ABR-5A	5/ 27
Static Flow, Seconds	ABR-8	0/8.2
Vinyl Chloride Monomer	ABGC-26	0.276
Inherent Viscosity	ABR-10	0.92

Billy P. Sizemore

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193604

Vista Polymers Highway 25 Aberdeen, MS 39730

A

PVC RAILCAR ANALYSIS

Load Date: 1-16-91 Product: 5385 III-S Car No.: 45871

Time Logged In: 0600 Logged In By: ES

Ship Date: _____ Silo(s): 676, 677 Customer: Gold Bond

NO METAL	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.01		.02		.04		.03	
Contamination	3/4	—	5/27	—	1/4	—	5/23	—
Bulk Density	.582		.580		.581		.584	
Fluff	.568		.571		.570		.573	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.922							
RVCM	.276							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	2.51	20.21	11.67	8.13	4.37	2.23	0.70
%	0.0	5.0	40.4	23.3	16.7	8.7	4.5	1.4

Drytime: — Static Flow: 0 / 8.2 Avg. Microns: 178.6

Color L: 99.95 a 0.06 b 1.51

Technician: TE - SPS

VAB.0001193605

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

VISTA

Date: 21 Jan. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: ACFX-41147

Attention: Dale King

Order No.: 881425-081

Date of Shipment: 17 Jan. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.06
Bulk Density, GM/CC	ABR-2A	0.573
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 3.6
80 Mesh/ 100 Mesh		43.0/23.5
120 Mesh/ 140 Mesh		16.0/ 8.0
200 Mesh/ Pan		4.5/ 1.4
Color - L	ABR-9	99.46
a		0.06
b		1.38
Contamination, Blk./Brn.	ABR-5A	9/ 30
Static Flow, Seconds	ABR-8	8.0
Vinyl Chloride Monomer	ABGC-26	0.291
Inherent Viscosity	ABR-10	0.93

Billy P. Sizemore

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193606

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 1-17-91 Product: 5385 Car No.: ACFX 41147 # 111 Pipe

Time Logged In: 0630 Logged In By: G

Ship Date: 17 Silo(s): 689 Customer: L. Bond

881425-081

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.06		.05		.05		.04	
Contamination	5/9	—	7/9	—	9/30	—	6/26	—
Bulk Density	.572		.573		.571		.576	
Fluff								
Hard Particle	—/—	—	—	—	—	—	—	—
Viscosity	.930							
RVCM	.291							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	1.80	21.52	11.75	7.75	3.99	2.25	0.71
%	0.0	3.6	43.0	23.5	16.0	8.0	4.5	1.4

Drytime: — Static Flow: 0 / 8.0 Avg. Microns: 178.1

Color L: 99.46 a -0.06 b 1.38

Technician: A.J. & A.D.

VAB.0001193607

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

VISTA

Date: 18 Jan. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: PLWX-44752

Attention: Dale King

Order No.: 881425-080

Date of Shipment: 16 Jan. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.16
Bulk Density, GM/CC	ABR-2A	0.575
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 2.2
80 Mesh/ 100 Mesh		32.1/24.4
120 Mesh/ 140 Mesh		18.2/17.7
200 Mesh/ Pan		3.8/ 1.6
Color - L	ABR-9	100.12
a		0.04
b		1.28
Contamination, Blk./Brn.	ABR-5A	3/ 2
Static Flow, Seconds	ABR-8	0/8.7
Vinyl Chloride Monomer	ABGC-26	0.477
Inherent Viscosity	ABR-10	0.92

Billy P. Sizemore

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193608

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

PLWX

Load Date: 1-16-91 Product: 5385 III-5 Car No.: 44752

Time Logged In: 0300 Logged In By: G

Ship Date: 16 Jan. 91 Silo(s): ___, ___, 689 Customer: Gold Bond

881425-080

NO METAL	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.15		.16		.12		.14	
Contamination	2/4		3/2		2/5		0/7	
Bulk Density	.575		.575		.575		.575	
Fluff	.569		.568		.569		.568	
Hard Particle	—/—							
Viscosity	.924							
RVCM	.477							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	1.09	16.07	12.20	9.08	8.85	1.88	0.80
%	0.0	2.2	32.1	24.4	18.2	17.7	3.8	1.6

Drytime: — Static Flow: 0 / 8.7 Avg. Microns: 165.1

Color L: 100.12 a 0.04 b 1.28

Technician: TE - JPS

VAB.0001193609

Vista Polymers
A Division of
Vista Chemical Company

Highway 25
Post Office Box 91

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

VISTA

CERTIFICATE OF ANALYSIS

Date: 18 Jan. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: VIPX-45800

Attention: Dale King

Order No.: 881425-079

Date of Shipment: 16 Jan. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.02
Bulk Density, GM/CC	ABR-2A	0.584
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 7.4
80 Mesh/ 100 Mesh		33.5/24.2
120 Mesh/ 140 Mesh		20.6/ 8.1
200 Mesh/ Pan		4.6/ 1.6
Color - L	ABR-9	100.19
a		0.02
b		1.39
Contamination, Blk./Brn.	ABR-5A	6/ 12
Static Flow, Seconds	ABR-8	9.1
Vinyl Chloride Monomer	ABGC-26	0.050
Inherent Viscosity	ABR-10	0.92

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193610

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

VIPX

Load Date: 1-12-91 Product: 5385 Car No.: 45800

Time Logged In: 1820 Logged In By: G

Ship Date: 16 Jan. 91 Silo(s): 676, 677, 685 Customer: III S

881425-079

No metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.02		.02		.02		.02	
Contamination	4/19	—	3/30	—	6/12	—	5/13	—
Bulk Density	.576		.593		.573		.594	
Fluff	.581		.580		.581		.584	
Hard Particle	—	—	—	—	—	—	—	—
Viscosity	.924							
RVCM	.050							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	3.68	16.76	12.12	9.50	4.06	2.31	0.81
%	0.0	7.4	33.5	24.2	20.6	8.1	4.6	1.6

Drytime: _____ Static Flow: 0 / 9.1 Avg. Microns: 178.2

Color L: 100.19 a 0.02 b 1.39

Technician: P.T. + HDL

VAB.0001193611

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

VISTA

Date: 15 Jan. 91

Product: 5385

Customer: Gold Bond Products
Industrial Drive
Sardis, Ms 38666

Railcar No.: PTLX-41600

Attention: Dale King

Order No.: 881425-077

Date of Shipment: 10 Jan. 91

Property	Test Method	Analysis
Moisture, %	ABR-1C	0.19
Bulk Density, GM/CC	ABR-2A	0.580
Particle Size, % on	ABR-3	
40 Mesh/ 60 Mesh		0.00/ 1.6
80 Mesh/ 100 Mesh		23.3/25.2
120 Mesh/ 140 Mesh		26.4/12.8
200 Mesh/ Pan		8.7/ 2.0
Color - L	ABR-9	99.80
a		0.06
b		1.53
Contamination, Blk./Brn.	ABR-5A	6/ 9
Static Flow, Seconds	ABR-8	9.0
Vinyl Chloride Monomer	ABGC-26	0.327
Inherent Viscosity	ABR-10	0.93

Billy P. Sizemore

Laboratory Supervisor/Lead

Gold Bond Building Products
1650 Military Road
Buffalo, NY 14216
ATT: Rob Kwapisc

VAB.0001193612

Vista Polymers Highway 25 Aberdeen, MS 39730

PVC RAILCAR ANALYSIS

Load Date: 1-9-91 Product: 5385 Car No.: PTLX 41600

Time Logged In: 0130 Logged In By: RJ

Ship Date: 10 Jan. 91 Silo(s): 676, 677, 685 Customer: Gold Bond 881425-077

no metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.19		.16		.14		.13	
Contamination	4/7		6/9		5/6		4/17	
Bulk Density	.589		.583		.573		.523	
Fluff	.583		.579		.572		.577	
Hard Particle								
Viscosity	.928							
RVCM	.327							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	0.00	0.80	11.65	12.60	13.09	6.40	4.35	1.00
%	0.0	1.6	23.3	25.2	26.4	12.8	8.7	2.0

Drytime: _____ Static Flow: 0 / 9.0 Avg. Microns: 155.8

Color L: 99.80 a .06 b 1.53

Technician: G + DL

VAB.0001193613

ASSOCIATED RUBBER CO.