

PVC RAILCAR ANALYSIS

Load Date: 12-26-90 Product: 5385Car No.: PTLX 41284Time Logged In: 1330Logged In By: HXLShip Date: 27 Dec. 90 Silo(s): 676/77/85Customer: Type I803882-185No METAL

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.11		.06		.05		.05	
Contamination	$\frac{4}{7}$	—	$\frac{3}{8}$	—	$\frac{2}{7}$	—	$\frac{3}{12}$	—
Bulk Density	.523		.578		.587		.586	
Fluff								
Hard Particle	$\frac{19}{9 \text{ P.I.}}$	—	—	—	—	—	—	—
Viscosity	.927							
RVCM	1.806							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.52</u>	<u>12.78</u>	<u>12.50</u>	<u>12.00</u>	<u>6.14</u>	<u>4.57</u>	<u>1.04</u>
%	<u>0.00</u>	<u>1.0</u>	<u>25.6</u>	<u>25.0</u>	<u>24.9</u>	<u>12.3</u>	<u>9.1</u>	<u>2.1</u>

Drytime: 5.2Static Flow: 0 / 8.0Avg. Microns: 156.1Color L: 100.27 a 0.06 b 1.72Technician: A.J. + R.H.

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: 28 Dec. 90

Customer: Intex Plastics Corp.
Corinth Div.
Golding Drive
Corinth, MS 38834

Product: 5385

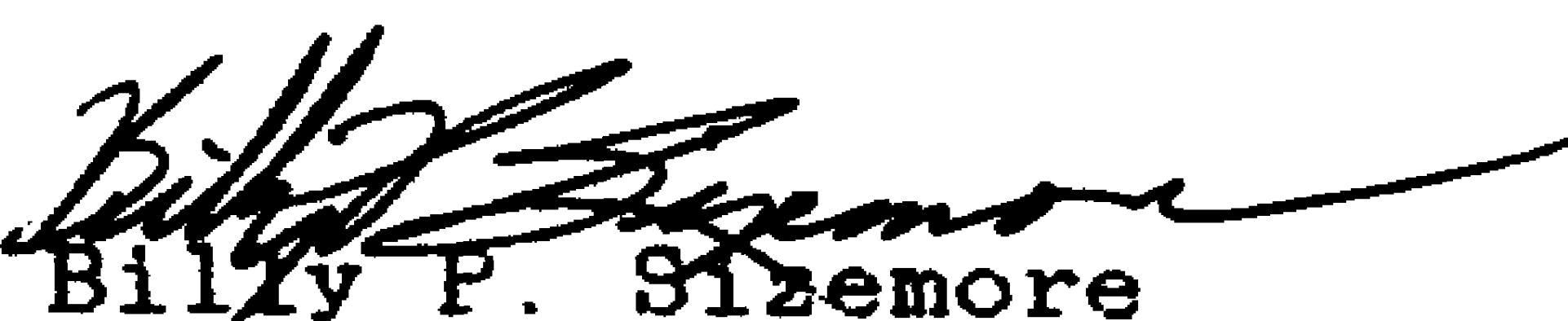
Attention: Quality Control Manager

Order No.: 803882-185

Date of Shipment: 27 Dec. 90

Railcar No.: PTLX-41284

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.11
Bulk Density, gm/cc	ABR-2A	0.581
Brabender Dry Time, Mins.	ABR-7	5.2
Particle Size Dist.	ABR-3	
40 Mesh		0.00
200 Mesh		9.1
Pan		2.1
Residual VCM, ppm	ABGC-26	1.806
Inherent Viscosity	ABR-10	0.93


Billy P. Sizemore

Laboratory Supervisor/Lead

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CERTIFICATE OF ANALYSIS

Date: 28 Dec. 90

Customer: Intex Plastics Corp.
Corinth Div.
Golding Drive
Corinth, MS 38834

Product: 5385

Attention: Quality Control Manager

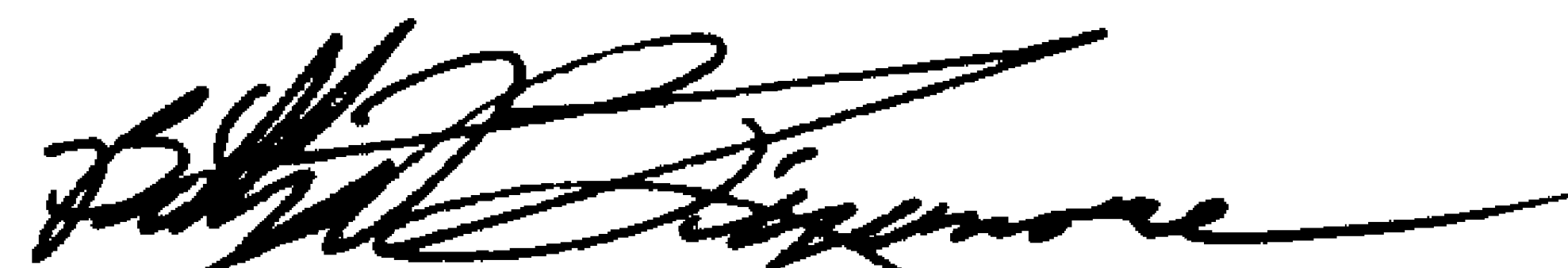
Order No.: 803882-186

Date of Shipment: 27 Dec. 90

Railcar No.: VIPX-45839

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.13
Bulk Density, gm/cc	ABR-2A	0.582
Brabender Dry Time, Mins.	ABR-7	5.0
Particle Size Dist.	ABR-3	
40 Mesh		0.00
200 Mesh		8.0
Pan		1.8
Residual VCM, ppm	ABGC-26	0.277
Inherent Viscosity	ABR-10	0.93


Billy P. Sizemore

Laboratory Supervisor/Lead

PVC RAILCAR ANALYSIS

Load Date: 12-26-90 Product: 5385Car No: 45839Time Logged In: 2400Logged In By: RJHShip Date: 27 Dec. 90 Silo(s): 676, 677, 685 Customer: Intex803882-186no metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.05		.13		.10		.10	
Contamination	<u>6</u> 4	—	<u>2</u> 7	—	<u>3</u> 7	—	<u>5</u> 4	—
Bulk Density	.584		.584		.575		.587	
Fluff								
Hard Particle	<u>18</u> 1398E	—	—	—	—	—	—	—
Viscosity	.926							
RVCN	.277							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>21</u>	<u>12.91</u>	<u>13.52</u>	<u>12.42</u>	<u>5.74</u>	<u>3.99</u>	<u>.90</u>
%	<u>0.0</u>	<u>.4</u>	<u>25.8</u>	<u>27.0</u>	<u>25.5</u>	<u>11.5</u>	<u>8.0</u>	<u>1.8</u>

Drytime: 5.0Static Flow: 0 18.2Avg. Microns: 155.9Color L: 100.09 a 0.02 b 1.57Technician: G & ES

PVC RAILCAR ANALYSIS

Load Date: 12-26-90 Product: 5305Car No.: 2TCX 46504Time Logged In: 1330Logged In By: HDLShip Date: 27 Dec. 90 Silo(s): 678/680Customer: Intty815266-099No Metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.07		.08		.08		.06	
Contamination Syntron Method	<u>36</u> <u>7</u>		<u>30</u> <u>8</u>		<u>4</u> <u>12</u>		<u>2</u> <u>15</u>	
Wet Method								
Bulk Density	.537		.538		.523		.531	
BD w/antistat								
Viscosity	.128		.129		.126		.126	
RVCM	.033		.059		.068		.063	
Blown Film								
Tappi Test Contamination Composite	.06 or less		.07 ----- .15		.20 ----- .60			
							<u>30</u> <u>14</u>	

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.12</u>	<u>4.26</u>	<u>10.20</u>	<u>19.54</u>	<u>10.56</u>	<u>4.31</u>	<u>0.24</u>
%	<u>0.00</u>	<u>.2</u>	<u>8.5</u>	<u>20.4</u>	<u>39.7</u>	<u>21.1</u>	<u>8.6</u>	<u>1.5</u>

Static Flow: 0 17.6 % Glassies: < 1% Avg. Microns: 139.1Color L: 98.92 a 0.13 b 1.88 CPA: 19.9Technician: A.J. + R.H.

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CERTIFICATE OF ANALYSIS

VISTA

Date: 28 Dec. 90

Customer: Intex Plastics Corp.
Corinth Div.
Golding Drive
Corinth, MS 38834

Product: 5305

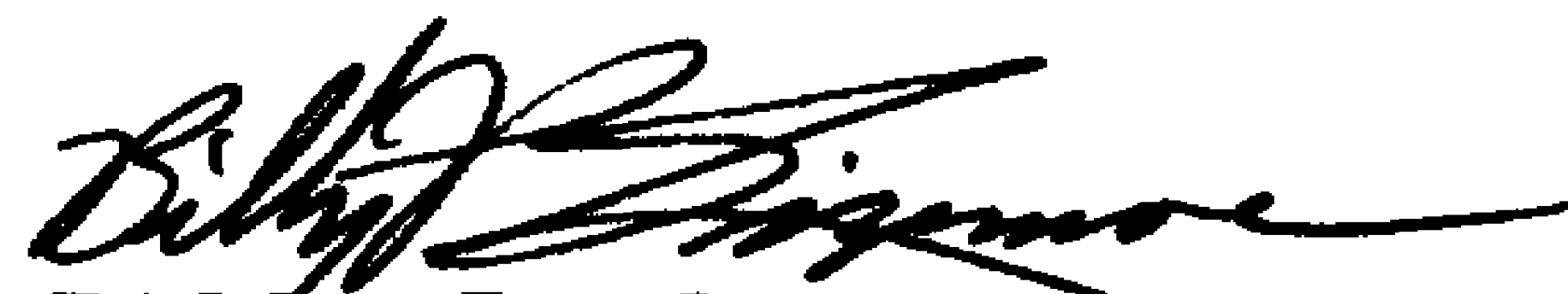
Attention: Quality Control Manager

Order No.: 815266-099

Date of Shipment: 27 Dec. 90

Railcar No.: UTCX-46504

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.08
Bulk Density, gm/cc	ABR-2A	0.535
Particle Size Dist.	ABR-3	
40 Mesh		0.00
200 Mesh		8.6
Pan		1.5
Residual VCM, ppm	ABGC-26	0.033
Inherent Viscosity	ABR-10	0.73


Billy P. Sizemore

Laboratory Supervisor/Lead

CERTIFICATE OF ANALYSIS

VISTA

Date: 12-31-90

Customer: Intex Plastics Corp.
Corinth Div.
Golding Drive
Corinth, MS 38834

Product: 5385

Attention: Quality Control Manager

Order No.: 803882-187

Date of Shipment: 12-28-90

Railcar No.: UTCX-46412

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.21
Bulk Density, gm/cc	ABR-2A	0.569
Brabender Dry Time, Mins.	ABR-7	5.0
Particle Size Dist.	ABR-3	
40 Mesh		0.00
200 Mesh		11.9
Pan		2.7
Residual VCM, ppm	ABGC-26	0.294
Inherent Viscosity	ABR-10	0.93


H.D. Lucas

Laboratory Supervisor/Lead

PVC RAILCAR ANALYSIS

UTCX

Load Date: 12-27-90 Product: 5385Car No: 46412Time Logged In: 2400Logged In By: RJIShip Date: 12-28-90 Silo(s): 676, 677, 685 Customer: Type I803882-1870 IPCNo Metal

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.21		.12		.14		.13	
Contamination	<u>11</u> 4	—	<u>9</u> 3	—	<u>6</u> 2	—	<u>5</u> 7	—
Bulk Density	.570		.571		.564		.570	
Fluff								
Hard Particle	<u>33</u> <u>13</u> GE	—	—	—	—	—	—	—
Viscosity	.926							
RVCM	.294							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.16</u>	<u>6.79</u>	<u>11.49</u>	<u>15.87</u>	<u>8.24</u>	<u>5.93</u>	<u>1.37</u>
%	<u>0.0</u>	<u>0.3</u>	<u>13.6</u>	<u>23.0</u>	<u>32.0</u>	<u>16.5</u>	<u>11.9</u>	<u>2.7</u>

Drytime: 5.0 Static Flow: 0 / 7.7 Avg. Microns: 142.1Color L: 100.15 a 0.06 b 1.19Technician: Co & FS

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CERTIFICATE OF ANALYSIS

Date: 14 Dec. 90

Customer: Intex Plastics Corp.
Corinth Div.
Golding Drive
Corinth, MS 38834

Product: 5385

Attention: Quality Control Manager

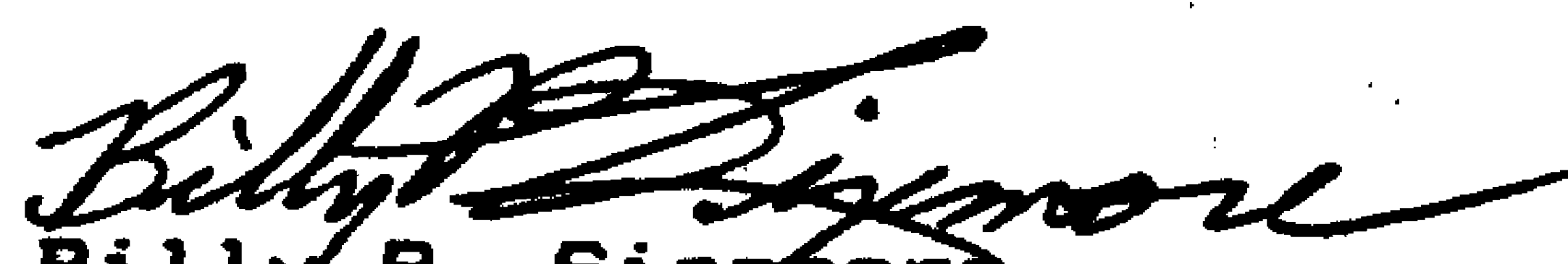
Order No.: 803882-184

Date of Shipment: 13 Dec. 90

Railcar No.: VIPX-45783

VISTA

<u>Property</u>	<u>Test Method</u>	<u>Analysis</u>
Moisture, %	ABR-1A	0.13
Bulk Density, gm/cc	ABR-2A	0.582
Brabender Dry Time, Mins.	ABR-7	5.0
Particle Size Dist.	ABR-3	
40 Mesh		0.00
200 Mesh		8.6
Pan		2.2
Residual VCM, ppm	ABGC-26	0.243
Inherent Viscosity	ABR-10	0.92


Billy P. Sizemore

Laboratory Supervisor/Lead

PVC RAILCAR ANALYSIS

Load Date: 12-12-90 Product: 5385Car No.: 45783Time Logged In: 2230Logged In By: A.J.Ship Date: 13

Silo(s): _____

Customer: Type Fno metal803882-184Inter

	A		CA		CB		B	
	1st	2nd	1st	2nd	1st	2nd	1st	2nd
Moisture	.13		.11		.07		.06	
Contamination	$\frac{4}{7}$	—	$\frac{3}{5}$	—	$\frac{2}{9}$	—	$\frac{2}{6}$	—
Bulk Density	.584		.580		.582		.583	
Fluff								
Hard Particle	$\frac{20}{126}$	—	—	—	—	—	—	—
Viscosity	.924							
RVCM	.243							
40 Mesh/Glassies								

Screen Analysis

Mesh	40	60	80	100	120	140	200	Pan
Weight	<u>0.00</u>	<u>0.26</u>	<u>12.74</u>	<u>13.09</u>	<u>12.43</u>	<u>5.92</u>	<u>4.28</u>	<u>1.08</u>
%	<u>0.0</u>	<u>0.5</u>	<u>25.5</u>	<u>26.2</u>	<u>25.2</u>	<u>11.8</u>	<u>8.6</u>	<u>2.2</u>

Drytime: 5.0Static Flow: 0.9.0Avg. Microns: 155.6Color L: 100.14 a 0.03 b 1.83Technician: Co & E S

1300