



Smithers Scientific Services, Inc.

425 W. MARKET STREET • AKRON, OHIO U. S. A. 44303
TWX NO. 810-431-2112 SMITHERS TELEPHONE 216/762-7441

November 27, 1990

CUSTOMER: Monmouth Rubber
75 Long Branch Avenue
Long Beach, NJ 07740

ATTENTION: Mr. John M. Bonforte
P.O.#049
Smithers Job #21270

SUBJECT: The above mentioned firm submitted one (1) sample for testing
identified as: Bondflex B33CS

TESTING: PHYSICAL ANALYSIS:
Testing per AASHTO-M-153-84

Recovery, ASIM D1752 para. 3.2	<u>Requirements</u>
Compression, ASIM D1752, para. 3.3	90% Min
Extrusion, ASIM D1752, para.3.4	50 PSI to 1500 PSI
Density, ASIM D1752, para. 3.7	Shall not exceed 0.25
Weathering Test, ASIM D1752, para. 3.8	30 lb./ft ³ Min.
	No Disintegration

RESULTS: Recovery, AASHTO-M-153-84, para. 4.2, 50% deflection with 10 minute
recovery

<u>Sample</u>	<u>% Recovery</u>
Bondflex B33CS	90.91%
Pass/Fail	Pass

RESULTS: Compression, AASHTO-M-153-84, para. 4.3, 50% compression

<u>Sample</u>	<u>Load @ 50% Compression</u>
Bondflex B33CS	500 PSI
Pass/Fail	Pass

Extrusion, AASHTO-M-153-84, para. 4.4, 50% compression

<u>Sample</u>	<u>Extrusion(in.)</u>
Bondflex B33CS	0.09 in.
Pass/Fail	Pass

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Page 2 - Job #21270


RESULTS CONTINUED:

RESULTS: Density, AASHTO-M-153-84, para. 4.7

<u>Sample</u>	<u>Density</u>
Bondflex B33CS	33.12 lb./ft. ³
Pass/Fail	Pass

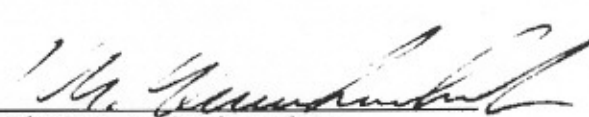
Accelerated Weathering, AASHTO-M-153-84, para. 4.8

<u>Sample</u>	<u>Comments</u>
Bondflex B33CS	No disintegration
Pass/Fail	Pass



Brian K. Ross
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Qualified Laboratories No. 17370
QLL 27 31 March 1984
Defense Logistics Agency

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R6637
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P.O.#049
Smithers Job #21270

SUBJECT: The above mentioned firm submitted one (1) sample for testing
identified as: Bondflex B33CS

TESTING: PHYSICAL ANALYSIS:
Testing per ASTM D1752

Recovery, ASTM D1752 para. 3.2
Compression, ASTM D1752, para. 3.3
Extrusion, ASTM D1752, para.3.4
Density, ASTM D1752, para. 3.7
Weathering Test, ASTM D1752, para. 3.8

Requirements

90% Min
50 PSI to 1500 PSI
Shall not exceed 0.25
30 lb./ft³ Min.
No Disintegration

RESULTS: Recovery, ASTM D1752, para. 3.2, 50% deflection with 10 minute recovery

<u>Sample</u>	<u>% Recovery</u>
Bondflex B33CS	90.91%
Pass/Fail	Pass

Compression, ASTM D1752, para. 3.3, 50% compression

<u>Sample</u>	<u>Load @ 50% Compression</u>
Bondflex B33CS	500 PSI
Pass/Fail	Pass

Extrusion, ASTM D1752, para. 3.4, 50% compression

<u>Sample</u>	<u>Extrusion(in.)</u>
Bondflex B33CS	0.09 in.
Pass/Fail	Pass

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Page 2 - Job #21270

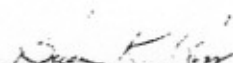
RESULTS CONTINUED:

RESULTS: Density, ASTM D1752, para. 3.7


<u>Sample</u>	<u>Density</u>
Bondiflex B33CS	33.12 lb./ft. ³
Pass/Fail	Pass

Accelerated Weathering, ASTM D1752, para. 3.8, ASTM D545

<u>Sample</u>	<u>Comments</u>
Bondiflex B33CS	No disintegration
Pass/Fail	Pass



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