



**PRECISION TESTING LABORATORIES, INC.**

313 Hill Avenue, Nashville TN 37210

Phone 615-254-3401 Fax 615-254-3488

[www.precisiontesting.com](http://www.precisiontesting.com)

**Laboratory Report No. 85921**  
23-Nov-09

Page 1 of 2

Mr. David Conine  
Safety Components  
40 Emery St.  
Greenville, SC 29605

**PO#** NA  
**Item:** One (1) sample  
**Identification:** Sample: FR 355 Black - Lot # 2004527  
**Purpose:** Fire Resistance; CPAI - 84

Test	Unit of Measure	Specimen Results				Average	Stdev	Pass/Fail
<b><u>Fire Resistance</u></b>								
<b><u>CPAI-84</u></b>								
<b><u>As Received</u></b>								
After flame (seconds)								
	Length	0.0	0.0	0.0	0.0	0.0	0.0	Pass
	Width	0.0	0.0	0.0	0.0	0.0	0.0	Pass
Burn Length, mm								
	Length	92.0	84.0	75.0	89.0	85.0	7.4	Pass
	Width	84.0	67.0	75.0	67.0	73.3	8.1	Pass
<b><u>After Accelerated Weathering Procedure</u></b>								
After flame (seconds)								
	Length	0.0	0.0	0.0	0.0	0.0	0.0	Pass
	Width	0.0	0.0	0.0	0.0	0.0	0.0	Pass
Burn Length, mm								
	Length	77.0	84.0	81.0	70.0	78.0	6.1	Pass
	Width	57.0	66.0	78.0	65.0	66.5	8.7	Pass
<b><u>After Leaching Procedure</u></b>								
After flame (seconds)								
	Length	0.0	0.0	0.0	0.0	0.0	0.0	Pass
	Width	0.0	0.0	0.0	0.0	0.0	0.0	Pass
Burn Length, mm								
	Length	84.0	98.0	98.0	90.0	92.5	6.8	Pass
	Width	72.0	73.0	75.0	84.0	76.0	5.5	Pass
<b>Note:</b>								
Weathered in accordance with section 4.2.2.3, "Fluorescent UV and Condensation Method".								

**Requirements:**

Material Weight; g/m <sup>2</sup> (g/m <sup>2</sup> ) damage length in mm	312.5	Maximum Average Damaged Length <u>Allowed</u>	Maximum Damaged Length <u>Allowed</u>
More than 340		115	255
More than 270 but not more than 340		140	255
More than 200 but not more than 270		165	255
More than 135 but not more than 200		190	255
More than 50 but not more than 135		215	255
50 or less		230	255

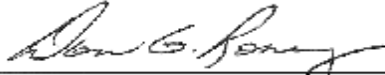
No specimen from a sample unit of wall and top material shall have an after flame time of more than 4 seconds. The average after flame time for all specimens in a sample unit shall not exceed 2 seconds. Portions or residues that break or drip from the test specimens shall not continue to flame after they reach the floor of the test cabinet.

These requirements apply to samples that were tested as received, leached or weathered.

**The sample tested conforms with CPAI-84.**

I certify that the above tests under my supervision were performed in accordance with the specification test requirements and that the reported results are true, valid and applicable to the samples tested. I further certify that these samples were the only samples tested from the lot of end items identified above.

Signed:   
Suzanne Piispanen, VP Operations

Signed:   
Don G. Roney, Laboratory Manager

This report is limited to and related only to the particular instrument, material or other subject to which it refers. These test results can not be compared to results obtained using different methods or under different conditions. No representation is made that similar articles will be of like quality. Neither Precision Testing Laboratories, Inc (hereinafter "Precision Testing") nor their officers, directors, managers or employees, shall be responsible for any loss or damage resulting directly or indirectly from any failure, error or omission in testing, or in the reporting of test results. Precision Testing has no controls, and assumes no responsibility for the tested product's functionality or use. Precision Testing's liability shall not exceed the fees paid for the testing reflected on this report. Precision Testing observes and maintains client confidentiality, and limits reproduction of this report, except in full, without prior approval of Precision Testing.

**SS**