

ISO/IEC 17025 Certified Third Party Test Report

DATE: April 17, 2012 FILE: APEX.A041012B
CLIENT: Apex Mills ATTN: Simon Krawczyk
168 Doughty Blvd
Inwood, NY 11096

SAMPLE IDENTIFIED BY CLIENT AS:

Fabric Submitted
Style #: TA74, Lot #: F15148
Ref: Mesh
Color White

TEST PROCEDURE:

TEST RESULTS:

NATIONAL FIRE PROTECTION ASSOCIATION 701-2010 TEST 1

	AFTER-FLAME	DRIP BURN	WEIGHT LOSS	
	*****	*****	*****	
LENGTH:	0.0 Seconds	0.0 Seconds	0.81%	
LENGTH:	0.0 Seconds	0.0 Seconds	5.53%	
LENGTH:	11.0 Seconds	0.0 Seconds	10.55%	
LENGTH:	0.0 Seconds	0.0 Seconds	8.87%	
LENGTH:	0.0 Seconds	3.0 Seconds	7.79%	Std Dev: 2.81
LENGTH:	0.0 Seconds	0.0 Seconds	4.14%	3 Std Dev: 8.43
LENGTH:	0.0 Seconds	0.0 Seconds	9.22%	
LENGTH:	4.0 Seconds	0.0 Seconds	5.80%	3 Std Dev + Mean: 15.10
LENGTH:	0.0 Seconds	2.0 Seconds	6.50%	
LENGTH:	0.0 Seconds	0.0 Seconds	7.44%	
LENGTH:	1.5 Seconds	0.5 Seconds	6.66%	

TEST RESULT: Pass

6-1 CALCULATION OF PERCENT WEIGHT LOSS:

6-1.1 The percent weight loss of each specimen shall be determined by the following equation:

$$\frac{(\text{Weight before test} - \text{Weight after test})}{(\text{Weight before test})} \times 100 = \text{Percent weight loss}$$

The percent weight loss shall be recorded.

6-1.2 The mean percent weight loss and the standard deviation for the sample consisting of 10 specimens shall be calculated.

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6-1 CALCULATION OF PERCENT WEIGHT LOSS:

6-1.3 Where the percent weight loss of any individual specimen exceeds the mean value plus three standard deviations, the test shall be repeated on another sample of 10 specimens. The mean percent weight loss and standard deviation for the second set of 10 specimens shall be calculated.

7-1 PERFORMANCE CRITERIA:

7-1.1 Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing test 1.

7-1.2 Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing the test.

7-1.3 Where the percent weight loss of any individual specimen in the second set of specimens exceeds the mean value of the second set plus three standard deviations calculated for the second set, the material shall be recorded as failing this test.

7-1.4 Where the specimens do not demonstrate performance in accordance with any of the conditions indicated in 7-1.1 through 7-1.3, the material shall be recorded as passing this test and shall be designated as flame resistant.

Signed For The Company By

Adam R. Varley
Technical Director

JG/04/84



Stacy Sadowy
Stacy Sadowy
Quality Assurance Supervisor