

TEST RESULTS:

Style No: 3418

NFPA 701:2015 – Fire Tests for Flame Propagation of Textiles and Films – Method 1

As received

	After-Flame time (s)	Burning time of materials that falls to the bottom of chamber (s)	Weight before exposure (g)	Weight after exposure (g)	% Weight Loss	Burning Observations
Specimen 1	0	0	2.4	1.8	25	
Specimen 2	0	0	2.4	1.7	29.2	
Specimen 3	0	0	2.3	1.8	21.7	
Specimen 4	0	0	2.4	1.5	37.5	
Specimen 5	0	0	2.4	1.7	29.2	
Specimen 6	0	0	2.4	1.6	33.3	
Specimen 7	0	0	2.4	1.6	33.3	
Specimen 8	0	0	2.3	1.7	26.1	
Specimen 9	0	0	2.4	1.5	37.5	
Specimen 10	0	0	2.4	1.9	20.8	
Average	0.0	0.0	2.4	1.7	29.4	
Standard Deviation	NA	NA	NA	NA	6.0	

To pass, a sample shall meet below criteria

- 10.1.1.1 Fragments or residues of specimens that fall to the floor of the test chamber shall not continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens.
- 10.1.1.2 The average weight loss of the 10 specimens in a sample shall be 40 percent or less.
- 10.1.1.3 No individual specimen’s percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
- 10.1.1.4 When a retest is required, no individual specimen’s percent mass loss in the second set of specimens shall deviate from the mean value by more than 3 standard deviations calculated for the second set.

Conclusion: The submitted sample passes when tested in accordance with NFPA 701, Fire Tests for Flame Propagation of Textiles and Films, Test Method 1.