

TEST RESULTS:

Style# : Dawn 2604

Fire Tests for Flame Propagation of Textiles and Films – Method 1

NFPA 701:2015 – As received

Specimen	After Flame Time (s)	Burning Drippings Time (s)	Weight Before Exposure (g)	Weight After Exposure (g)	Weight Loss (%)	Burning Observations		
						Molten Drippings	Smoke Color/Type	Smoke Density/Amount
1	0.0	2.4	4.7	4.0	14.9	Yes	Grey	Light
2	0.0	0.0	4.7	3.5	25.5	Yes	Grey	Light
3	0.0	0.0	4.7	4.3	8.8	No	Grey	Light
4	0.0	1.3	4.8	2.9	39.6	Yes	Grey	Light
5	0.0	0.0	4.8	3.5	27.1	No	Grey	Light
6	0.0	1.8	4.9	3.0	38.8	No	Grey	Light
7	0.0	0.0	4.8	4.0	16.7	No	Grey	Light
8	0.0	0.0	4.8	4.1	14.6	No	Grey	Light
9	0.0	1.6	4.8	3.7	22.9	Yes	Grey	Light
10	0.0	0.0	4.8	3.3	31.3	Yes	Grey	Light
Average	0.0	0.71	4.78	3.63	24.0			
Standard Deviation					10.50			

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.

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