intertek
Total Quality. Assured.

Test Report No. : USA00029609
Report Date : September 19, 2019

NFPA 701:2019 – Fire Tests for Flame Propagation of Textiles and Films – Method 1

Sample Description: Upholstery Fabric – Style # 4307 Niagara

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	0.0	2.7	1.9	29.6	Yes	Grey	Light
2	0.0	0.0	2.5	2.2	12.0	Yes	Grey	Light
3	0.0	0.0	2.5	2.0	20.0	Yes	Grey	Light
4	0.0	0.0	2.5	2.1	16.0	Yes	Grey	Light
5	0.0	0.0	2.6	2.0	23.1	Yes	Grey	Light
6	0.0	0.0	2.7	2.3	14.8	Yes	Grey	Light
7	0.0	0.0	2.6	2.2	15.4	Yes	Grey	Light
8	0.0	0.0	2.6	2.0	23.1	Yes	Grey	Light
9	0.0	0.0	2.6	2.1	19.2	Yes	Grey	Light
10	0.0	0.0	2.8	2.4	14.3	Yes	Grey	Light
Average	0.0	0.0	2.61	2.12	18.7			
Standard Deviation					5.35			

Record burning observations: the type, amount, color, density and odor of smoke produced, the vigorousness of burning, and the dripping of molten materials. If others, specify in the above result table.

For and on behalf of
Intertek Products Group North America:

Rita Pun
Intertek
Intertek North America
545 E Algonquin Road, Suite F
Arlington Heights, Illinois 60005
Telephone: 847-871-1020 Fax: 847-439-6156

ilac-MRA ANAB ACCREDITED TESTING LABORATORY AT-1348

RETEST CRITERIA

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.

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.

For and on behalf of
Intertek Products Group North America:

Rita Pun
Intertek
Intertek North America
545 E Algonquin Road, Suite F
Arlington Heights, Illinois 60005
Telephone: 847-871-1020 Fax: 847-439-6156