

Test Conducted:

NFPA 701-2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films Test Method 1.

General Information:

Materials:	Plastics	Weight	648 g/m ²
Refurbishing or Weathering Conditions	NO, as per client's requirement		
Conditioning	Dry at (105±3)°C, Duration: 30min		

Criteria for test method 1 (Chapter 10):

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 specimen.
2. The average weight loss of the 10 specimen in a sample shall be 40 percent or less.
3. No individual specimen's percent mass loss shall deviate more than 3 standard deviations from the mean for the 10 specimens.
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.

Test Results:

Specimen	Original Mass (g)	Post Mass (g)	Residues (seconds)	Mass Loss (percent)
1	41.5	39.6	0.0	4.6
2	41.1	38.0	1.0	7.5
3	40.9	39.7	0.0	2.9
4	41.2	40.5	0.0	1.7
5	40.7	39.8	0.5	2.2
6	40.0	39.1	0.0	2.3
7	41.4	40.4	0.0	2.4
8	41.2	40.6	0.0	1.5
9	41.1	40.4	0.0	1.7
10	40.8	39.9	0.0	2.2
AVG			0.0	2.9
3*STDEV			---	5.6
AVG+3STDEV			---	8.5

Conclusion: PASS. The submitted sample complied with the performance requirement of test method 1 of NFPA 701-2015.



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