

POSTER AND PANEL S.L

P.I Plans de la Sala, C/Plans de la Sala 28, 08650 Sallent, Spain

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: Textile Beach Flag FR Sub 110gr

Test Requested:

Determine the flame resistance in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

Test Results: -- See attached sheet --

Conclusion: The tested sample "As received" **meets** the requirements of Test Method 1 of NFPA 701:2015.

Test Period:

Sample Receiving Date : DEC.22, 2016

Test Performing Date : DEC.22, 2016 TO DEC.28, 2016

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou
Technical Manager



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I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. Details of tested sample

Sample description / Color	Textile Beach Flag FR Sub 110gr / White	
Area density	130 g/m ²	
Products configuration	Single Layer	
Size of sample *	150 mm × 400 mm	10pcs

* With the length parallel to the lengthwise direction of the material

III. Conditioning

Prior to testing, the sample was conditioned at least 30 minutes at 105°C±3°C (220°F±5°F)

IV. Test results

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burning time on floor (s)
1	7.88	7.19	8.76	0	0
2	7.83	6.46	17.50	0	0
3	7.80	6.28	19.49	0	0
4	7.78	6.93	10.93	0	0
5	7.90	6.54	17.22	0	0
6	7.81	6.66	14.72	0	0
7	7.88	6.74	14.47	0	0
8	7.84	6.59	15.94	0	0
9	7.91	6.74	14.79	0	0
10	7.85	6.35	19.11	0	0
Mean	7.85	6.65	15.29	0	0

SD =3.4 3SD =10.2 Mean + 3SD =25.49

SD – Standards deviation

To be continued....



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Observations:

Vigorousness of burning	No
Material molten dripping	Yes
Odor smoke	Yes

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.
5. When a sample does not demonstrate passing performance in accordance with all of the conditions indicated above, the material shall be recorded as having failed Test Method 1.

Photo Appendix:



SGS authenticate the photo on original report only

*** End of Report ***



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