

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

Sample Description: BLACKOUT FABRIC

Color: SMOKE

Style/Item No.: LAUREL 3PASS SILICON COATED

Composition: FACE : 65%POLYESTER+35%COTTON , BACK : 3PASS SILICON BACK COATING

End Use Application: CURTAIN

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 : MAY.31, 2017

Test Performing Date : MAY.31, 2017 TO JUN.06, 2017

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



Allen Zou
Technical Manager



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SGS-CSTC Inspection & Testing Services Co., Ltd.
Anji Branch Harbin

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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	Blackout Fabric / Smoke
Area density	411 g/m ²
Products configuration	Single Layer
Size of sample *	150mm × 400mm 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	25.81	19.13	25.88	19.3	0
2	26.08	20.16	22.70	11.4	0
3	25.98	16.84	35.18	0	0
4	26.00	17.16	34.00	30.4	0
5	25.84	16.64	35.00	17.2	0
6	25.90	18.23	29.61	12.5	0
7	25.74	19.04	26.03	12.7	0
8	26.14	18.60	28.84	21.2	0
9	25.82	17.44	32.46	15.4	0
10	25.91	17.69	31.73	20.7	0
Mean	25.92	18.09	30.20	16.1	0

SD =4.35 3SD =13.05 Mean + 3SD =43.25

SD – Standards deviation

To be continued....



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Observations:

Vigorousness of burning	Yes
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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