

Test Report

No. AJFS1801000230FF

Date: JAN.17, 2018

Page 1 of 3

SOYANG TECH. CO., LTD.

WEST 19TH FLOOR, YONGTONG INFORMATION PLAZA, NO.141, HUANCHENG BEI ROAD,
HANGZHOU CITY, ZHEJIANG PR., CHINA

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

Sample Description: POLYESTER DISPLAY FABRIC

Style/Item No.: ST-104

Color: WHITE

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 : JAN.10, 2018

Test Performing Date : JAN.10, 2018 TO JAN.16, 2018

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	Polyester Display Fabric / White
Area density	188 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	12.18	10.94	10.18	0	0
2	11.90	11.17	6.13	0	0
3	11.86	10.93	7.84	0	0
4	11.90	11.02	7.39	0	0
5	11.94	11.10	7.04	0	0
6	12.17	11.19	8.05	0	0
7	12.06	11.12	7.79	0	0
8	11.79	11.04	6.36	0	0
9	11.96	11.20	6.35	0	0
10	11.81	11.18	5.33	0	0
Mean	11.96	11.09	7.25	0	0

SD =1.35 3SD =4.05 Mean + 3SD =11.30

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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