

Test Report

No. AJHL1604003181FB

Date: APR.18, 2016

Page 1 of 3

SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

NO.36 JINNIU ROAD, JIANSHAN DISTRICT, HAINING CITY, ZHEJIANG PR., CHINA

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

Sample Description: PVC BANNER

Type/Style: BLOW-740

Color: WHITE

Supplier: SOYANG TECH. CO., LTD.

Manufacturer: SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

Country of Origin: CHINA

Country of Destination: NORTH AMERICA

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 : APR.11, 2016

Test Performing Date : APR.11, 2016 TO APR.15, 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

Materials / Color	PVC / White
Area density	747g/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 of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Burning time on floor (s)
1	46.16	45.95	0.45	0	0
2	46.40	46.15	0.54	0	0
3	45.94	45.80	0.30	0	0
4	45.96	45.71	0.54	0	0
5	46.24	45.89	0.76	0	0
6	46.09	45.93	0.35	0	0
7	46.21	46.08	0.28	0	0
8	46.18	46.13	0.11	0	0
9	46.32	45.82	1.08	0	0
10	46.15	45.77	0.82	0	0
Mean	46.17	45.92	0.52	0	0

SD =0.29 3SD =0.87 Mean + 3SD =1.39

SD – Standards deviation

To be continued....



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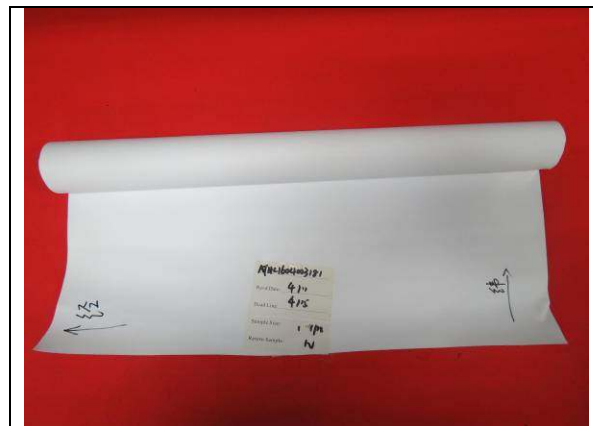
Observations:

Vigorousness of burning	No
Material molten dripping	No
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 ***