

## Test Report

No. AJFS1709008531FF

Date: OCT.12, 2017

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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:** SEMI-COATED 13OZ PVC BANNER

**Style/Item No.:** BW2-450

**Color:** WHITE

**P.O. / Ref No.:** SYPI171126#

**Supplier:** SOYANG TECH. CO., LTD.

**Manufacturer:** SOYANG TECH. CO., LTD.

### **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 : SEP.29, 2017

Test Performing Date : SEP.29, 2017 TO OCT.11, 2017

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



Allen Zou  
Technical Manager



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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	PVC / White
Area density	486 g/m <sup>2</sup>
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	29.82	29.51	1.04	0	0
2	30.04	29.54	1.66	0	0
3	29.36	28.69	2.28	0	0
4	29.50	29.00	1.69	3.5	0
5	29.73	29.24	1.65	0	0
6	29.97	29.39	1.94	0	0
7	30.02	29.71	1.03	2.8	0
8	29.43	28.83	2.04	0	0
9	29.29	29.15	0.48	1.9	0
10	29.47	28.81	2.24	0	0
Mean	29.66	29.19	1.61	0.8	0

SD =0.59    3SD =1.77    Mean + 3SD =3.38

SD – Standards deviation

To be continued....



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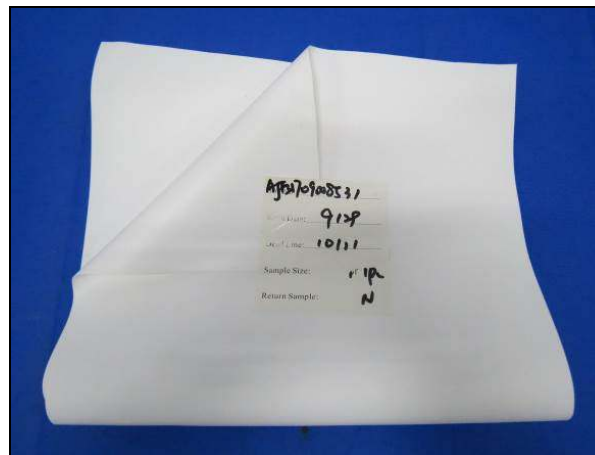
**Observations:**

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 \*\*\*



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