

Test Report

No. AJFS1709008530FF

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 15OZ PVC BANNER

Style/Item No.: BW2-510

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

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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	About 518 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	32.79	31.98	2.47	0	0
2	32.63	31.69	2.88	4.1	0
3	32.40	31.88	1.60	0	0
4	32.68	31.74	2.88	0	0
5	32.37	31.80	1.76	3.3	0
6	32.81	31.83	2.99	0	0
7	32.59	31.94	1.99	0	0
8	32.92	31.71	3.68	2.9	0
9	32.51	31.92	1.81	0	0
10	32.67	31.48	3.64	0	0
Mean	32.64	31.80	2.57	1.0	0

SD =0.76 3SD =2.28 Mean + 3SD =4.85

SD – Standards deviation

To be continued....



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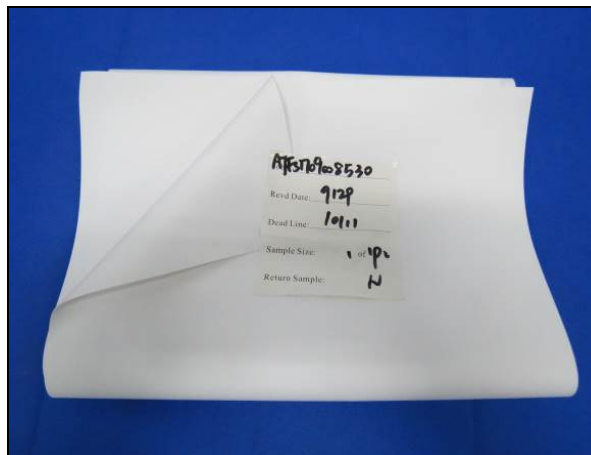
Observations:

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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