

Test Report

No. AJFS1802001569FF

Date: MAR.05, 2018

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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: 15 oz PET DOUBLE SIDED BANNER

Color: WHITE

Style/Item No.: 15 oz SOFLAT-BLOCKOUT

P.O. / Ref No.: PO#188421-1

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 : FEB.27, 2018

Test Performing Date : FEB.27, 2018 TO MAR.05, 2018

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



Allen Zou
Technical Manager



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	PET / White
Area density	494 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	31.42	30.82	1.91	0	0
2	31.36	30.37	3.16	0	0
3	31.48	31.07	1.30	0	0
4	31.59	28.41	10.07	0	0
5	31.47	30.22	3.97	0	0
6	31.52	30.08	4.57	0	0
7	31.29	29.44	5.91	0	0
8	31.34	31.00	1.08	0	0
9	31.55	31.14	1.30	0	0
10	31.42	30.68	2.36	0	0
Mean	31.44	30.32	3.56	0	0

SD =2.78 3SD =8.34 Mean + 3SD =11.90

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 specimens 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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