

Test Report

No. AJFS2305004008FF

Date: MAY.14, 2023

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NINGBO SIGNCOAT SIGN SUPPLY CO., LTD

RM12B-07 RED TITAN TOWER, NO.535 SOUTH TIANTONG RD. NINGBO, CHINA

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

Sample Description: FRONTLIT BANNER PLUS 440 MATTE

Color: WHITE

Style/Item No.: FL1100/9-440MN

Country of Destination: USA

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 : **MAY.03, 2023**

Test Performing Date : **MAY.03, 2023 TO MAY.11,2023**

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	440 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	29.48	28.77	2.41	0	0
2	29.66	24.28	18.14	0	0
3	29.80	22.35	25.00	0	0
4	29.42	27.44	6.73	0	0
5	29.55	26.44	10.52	0	0
6	29.60	26.28	11.22	0	0
7	29.46	27.25	7.50	0	0
8	29.57	24.57	16.91	0	0
9	29.68	25.46	14.22	0	0
10	29.69	25.80	13.10	0	0
Mean	29.59	25.86	12.58	0	0

SD =6.47 3SD =19.41 Mean + 3SD =31.99

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 specimens.
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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