

Test Report

No. AJFS1805003992FF

Date: MAY.10, 2018

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CHENGDU FORESIGHT COMPOSITE CO., LTD

FOUR GROUPS, GUANGMING VILLAGE, LONGTAN TOWNSHIP, CHENGHUA DISTRICT,
CHENGDU CITY, SICHUAN PROVINCE, P.R. CHINA

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

Sample Description: PVC FABRIC MATERIAL

Color: BLACK

Density: 260g/m²

Composition: PVC POLYESTER FIBER

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.02, 2018

Test Performing Date : MAY.02, 2018 TO MAY.10, 2018

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

Sample description / Color	PVC fabric / Black
Area density	214 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	14.08	10.14	27.98	0	0
2	14.00	9.89	29.36	0	0
3	14.19	10.46	26.29	0	0
4	14.07	9.89	29.71	0	0
5	14.12	9.82	30.45	0	0
6	14.20	9.93	30.07	0	0
7	14.18	10.12	28.63	0	0
8	14.09	10.07	28.53	0	0
9	14.12	9.95	29.53	0	0
10	14.15	9.69	31.52	0	0
Mean	14.12	10.00	29.21	0	0

SD =1.45 3SD =4.35 Mean + 3SD =33.56

SD – Standards deviation

To be continued....



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Observations:

Vigorousness of burning	No
Material molten dripping	Yes
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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