

Test Report

No. AJFS1804003940FF

Date: MAY.09, 2018

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DONGTAI CITY WINSOM OUTDOOR PRODUCT CO., LTD.

NO.1 TIANYUAN ROAD, MACHINERY INDUSTRIAL ZONE, DONGTAI CITY, JIANGSU, CHINA

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

Sample Description: PVC TARPAULIN

SGS Ref No.: SHIN1804027552SC

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 : APR.28, 2018

Test Performing Date : APR.28, 2018 TO MAY.08, 2018

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 Tarpaulin / White
Area density	About 463 g/m ²
Products configuration	Single Layer
Size of sample *	150mm x 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	28.67	27.50	4.08	0	0
2	28.99	27.59	4.83	0	0
3	28.67	21.76	24.10	0	0
4	29.22	25.89	11.40	0	0
5	28.86	26.19	9.25	0	0
6	28.92	26.56	8.16	0	0
7	28.77	26.49	7.92	0	0
8	28.83	27.06	6.14	0	0
9	29.14	26.59	8.75	0	0
10	28.93	25.44	12.06	0	0
Mean	28.90	26.11	9.67	0	0

SD =5.68 3SD =17.04 Mean + 3SD =26.71

SD – Standards deviation

To be continued....



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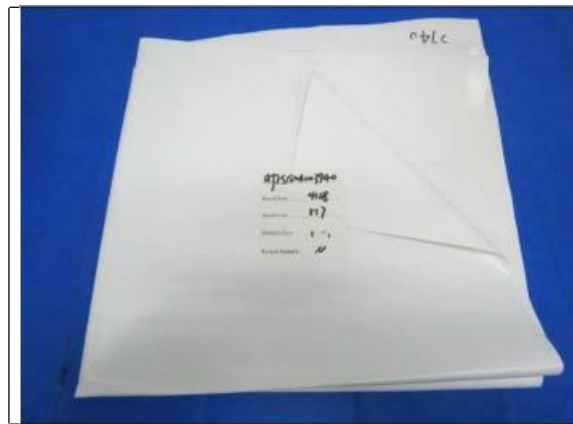
Observations:

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 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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