

The following sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.

Sample Description:

Color: WHITE

Style/Item No.: /

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 : OCT.08, 2019
Test Performing Date : OCT.08, 2019 TO OCT.12, 2019

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



Allen Zou
Lab Manager



AJFS1909009826FF



SGS-CSTC Inspection & Testing Services Co., Ltd.
Anji Branch Fire Technology Service

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Test Report

Date: OCT.14, 2019

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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	Fabric / White
Area density	About 207 g/m ²
Products configuration	Single Layer
Size of sample *	150mm × 400mm
Exposed surface	Coating surface

* With the length parallel to the lengthwise direction of the material

III. Conditioning and cleaning procedure

Cleaning procedure: none

Prior to testing, the sample was:

Dried in oven at 105°C±3°C for 30 minutes.

Conditioned at 20°C±5°C for 24 hours.

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	12.97	11.73	9.56	0	0
2	12.79	11.72	8.37	0	0
3	12.82	12.66	1.25	0	0
4	12.78	12.09	5.40	0	0
5	12.80	11.94	6.72	0	0
6	12.84	12.08	5.92	0	0
7	12.74	11.34	10.99	0	0
8	12.79	11.55	9.70	0	0
9	12.84	12.03	6.31	0	0
10	12.90	11.68	9.46	0	0
Mean	12.83	11.88	7.37	0	0

SD =2.86 3SD =8. 58Mean + 3SD =15.95

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 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.

Statement: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

Photo Appendix:



SGS authenticate the photo on original report only

*** End of Report ***



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