



Test Report No. AJFS2009008221FF-01 Date: OCT.15, 2020 Page 1 of 3

* TEXSTYLE
*750 EAST MAIN STREET, 7TH FLOOR, STAMFORD CT 06902, USA

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: AJFS2009008221FF, DATE:SEP.30, 2020.

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 Name: MESA FR BLACKOUT-TUXEDO
SGS Ref No.: SHIN2009081387SC
Product or Lot No.: 20200922

Test Requested:
NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

Test Results: -- See attached sheet --

Conclusion:
The tested sample "As received" meet the requirements of NFPA 701:2019, test method 1.

Test Period:
Sample Receiving Date : SEP.24, 2020
Test Performing Date : SEP.24, 2020 TO SEP.29, 2020

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

Allen Zou
Lab Manager

scan to see the report



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I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

II. Details of tested sample

Sample description / Color	Fabric / White
Area density	About 404 g/m ²
Products configuration	Single Layer
Size of sample *	400 mm × 150mm
Exposed surface	Front 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	25.87	20.23	21.80	0	0
2	25.43	21.58	15.14	0	0
3	25.43	22.09	13.13	0	0
4	25.57	21.22	17.01	0	0
5	25.84	21.64	16.25	0	0
6	25.51	21.81	14.50	0	0
7	25.66	21.42	16.52	0	0
8	25.53	21.86	14.38	0	0
9	25.68	20.71	19.35	0	0
10	25.75	22.11	14.14	0	0
Average	25.63	21.47	16.22	0	0

SD =2.65 3SD =7.95 Mean + 3SD =24.17

SD – Standards deviation

To be continued....



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Observations:

Vigorousness of burning (Yes / No)	No
Material molten dripping (Yes / No)	Yes
Odor smoke (Yes / No)	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.

Remark: The content remark with * are updated

Photo Appendix:



SGS authenticate the photo on original report only

*** End of Report ***



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