

Test Report Report No.: AJFS2303002164FF Date: MAR.30, 2023 Page 1 of 3
Textstyle
750 E Main St Stamford CT 06902

Sample Name: MESA LF

SGS Ref No.: SHIN2303002121PL02

Style/Item No.: /

The above 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 arising therefrom. Results apply to the sample as received.

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" **passes** the test method 1 of NFPA 701:2019.

Test Period:

Sample Receiving Date : MAR.28, 2023

Test Performing Date : MAR.28, 2023 TO MAR.30, 2023

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo Li
Approved Signatory

scan to see the report



AJFS2303002164FF



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I. Test Conducted

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

II. Test Specimen

Description	Fabric
Color	Grey
Area density	233 g/m ²
Material configuration	Single layer
Size of specimen	400 mm × 150 mm
Exposed surface	Any surface

Conditioning

Cleaning procedure: none

Prior to testing, the specimens were dried in oven at 105°C±3°C for 30 min.

III. Test Result

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burn time of fragments or residues (s)
1	13.98	13.75	1.65	0	0
2	14.14	13.90	1.70	0	0
3	14.24	14.14	0.70	0	0
4	14.12	13.95	1.20	0	0
5	14.07	13.89	1.28	0	0
6	14.05	13.87	1.28	0	0
7	14.18	13.91	1.90	0	0
8	14.22	14.04	1.27	0	0
9	14.25	14.01	1.68	0	0
10	14.19	14.02	1.20	0	0
Average	14.14	13.95	1.39	0	0

SD =0.35 3SD =1.05 Mean + 3SD =2.44

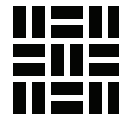
SD – Standards deviation



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Observations:

Vigorous burning (Yes/No)	Molten droplets or debris (Yes/No)	Odor smoke (Yes/No)
No	Yes	Yes

Performance 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



SGS-CSTC
Anji Branch Fire Technology Service

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