AVLE (SHANGHAI) TRADING CO., LTD.

ROOM 3512, NO.6088, HUMIN ROAD, MINHANG DISTRICT, SHANGHAI, CHINA, 201199

Sample Description	:	BLUE FLOCKING CLOTH
Color	:	BLUE BASE FABRIC + GREY FLOCKED SURFACE
Style/Item No.	:	/

The above sample(s) data and information 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.

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Sample Receiving Date	:	Jun 04,2025
Testing Period	:	Jun 04,2025 to Jun 11,2025
Test Required	:	NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.
Test result(s)	:	See attached sheet
Conclusion	:	The tested sample “as received” **passes** the test method 1 of NFPA 701:2023.

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

Eva Zhang
Approved signatory

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Verification:
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Test Conducted

The test was conducted in accordance with NFPA 701:2023 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

Test Specimen

Description	Fabric
Color	Blue
Area density	283 g/m^2
Product configuration	[√] Single Layer, [ ] Multi-Layer
Size of specimen	400 mm × 150 mm
Exposed surface	Front surface

Conditioning

Cleaning procedure: none

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

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	18.21	14.46	20.59	0	0
2	18.22	14.54	20.20	0	0
3	18.36	14.67	20.10	0	0
4	18.14	14.57	19.68	0	0
5	18.24	14.72	19.30	0	0
6	18.40	14.65	20.38	0	0
7	18.34	14.52	20.83	0	0
8	18.24	14.67	19.57	0	0
9	18.34	14.68	19.96	0	0
10	18.21	14.71	19.22	0	0
Average	18.27	14.62	19.98	0	0

SD =0.54 3SD =1.62 Mean + 3SD =21.60

SD – Standards deviation

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Observations:

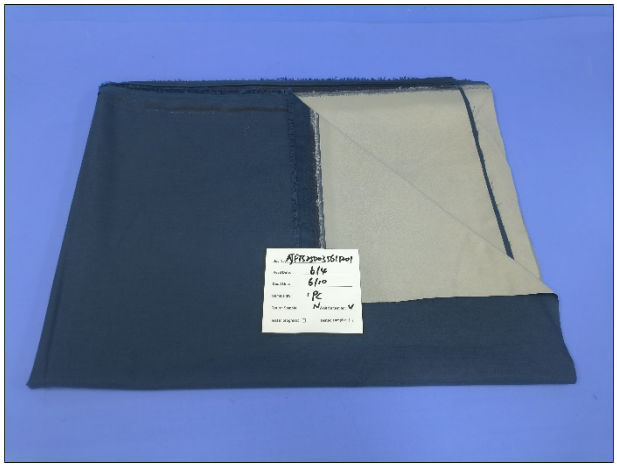
Vigorous burning (Yes/No)	Molten droplets or debris (Yes/No)	Odor smoke (Yes/No)
No	No	Yes

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

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