



中国认可
国际互认
检测
TESTING
CNAS L4743

Test Report

No. AJFS2109008121FF

Date: SEP.29, 2021

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SHAOXIONG BIGU TEXTILES CO., LTD.

ROOM 201, FLOOR 2, NO.92-4 QISHENG ROAD, MASHAN STREET, YUECHENG DISTRICT,
SHAOXING, ZHEJIANG, CHINA

Sample Description: INHERENT FLAME RETARDANT POLYESTER MESH FABRIC

Color: WHITE

Composition: POLYESTER

Style/Item No.: /

Manufacturer: SHAOXING BEGOODTEX CO., LTD.

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" **meets** the requirements of NFPA 701:2019, test method 1.

Test Period:

Sample Receiving Date : SEP.22, 2021

Test Performing Date : SEP.22, 2021 TO SEP.29, 2021

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

Allen Zou
Approved Signatory

scan to see the report



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

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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	Mesh fabric / White
Area density	About 116 g/m ²
Products configuration	Single Layer
Size of sample *	400 mm × 150 mm
Exposed surface	Any 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	7.51	5.25	30.09	0	0
2	7.43	5.52	25.71	0	0
3	7.32	5.21	28.83	0	0
4	7.33	5.27	28.10	0	0
5	7.24	5.37	25.83	0	0
6	7.45	5.60	24.83	0	0
7	7.38	5.25	28.86	0	0
8	7.55	5.31	29.67	0	0
9	7.30	5.28	27.67	0	0
10	7.47	5.22	30.12	0	0
Average	7.40	5.33	27.97	0	0

SD =1.92 3SD =5.76 Mean + 3SD =33.73

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.

Photo Appendix:



SGS authenticate the photo on original report only

*** End of Report ***



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