



中国认可
国际互认
检测
TESTING
CNAS L4743

Test Report

Report No.: AJFS2211009186FF

Date: NOV.21, 2022

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SHAOXING BIGU TEXTILES CO., LTD

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

Sample Description: INHERENT FLAME RETARDANT POLY SCUBA FABRIC

SGS Ref No.: TJHL2211008989OT

Style/Item No.: /

Manufacturer: BEGOODTEX

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 : NOV.14, 2022

Test Performing Date : NOV.14, 2022 TO NOV.18, 2022

Signed for and on behalf of

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

Echo

Echo Li
Approved Signatory

scan to see the report



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Anji Branch Fire Technology Service

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Member of the SGS Group (SGS SA)

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	Black
Area density	203 g/m ²
Material configuration	Single layer
Size of specimen	400 mm x 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	12.96	10.24	20.99	0	0.7
2	13.06	9.66	26.03	0	1.1
3	12.91	9.40	27.19	0	0.9
4	12.85	10.15	21.01	0	0.8
5	12.88	10.11	21.51	0	0.6
6	12.91	9.78	24.24	0	0.5
7	12.93	9.85	23.82	0	0.4
8	12.95	9.97	23.01	0	0.7
9	12.98	9.90	23.73	0	0.6
10	13.04	9.75	25.23	0	0.8
Average	12.95	9.88	23.68	0	0.7

SD =2.11 3SD =6.33 Mean + 3SD =30.01

SD – Standards deviation



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Observations:

Vigorousness of burning (Yes/No)	Material molten dripping (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



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