



中国认可
国际互认
检测
TESTING
CNAS L4743

Test Report

No. AJFS2204002350FF

Date: APR.24, 2022

Page 1 of 3

SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

NO.36 JINNIU ROAD, JIANSAN DISTRICT, HAINING CITY, ZHEJIANG PR., CHINA

Sample Description: LIGHT STRETCH FABRIC

SGS Ref No.: CZHL2204002000OT

Style /No.: ST-142

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 : APR.13, 2022

Test Performing Date : APR.13, 2022 TO APR.19, 2022

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

Allen Zou
Approved Signatory

scan to see the report



AJFS2204002350FF



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

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Member of the SGS Group (SGS SA)

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	240 g/m ²
Products configuration	Single Layer
Size of sample *	400 mm x 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	15.25	13.49	11.54	0	0
2	15.23	14.15	7.09	0	0
3	15.20	13.76	9.47	0	0
4	15.21	14.13	7.10	0	0
5	15.22	13.81	9.26	0	0
6	15.25	14.11	7.48	0	0
7	15.21	13.94	8.35	0	0
8	15.20	13.56	10.79	0	0
9	15.24	13.81	9.38	0	0
10	15.21	13.44	11.64	0	0
Average	15.22	13.82	9.21	0	0

SD =1.72 3SD =5.16 Mean + 3SD =14.37

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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