

Test Report

No. AJFS2002000873FF-01

Date: MAR.04, 2020

Page 1 of 3

SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

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

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The following 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. results apply to the sample as received.

Sample Description: BLOW-440

SGS Ref No.: CZHL2002500494OT

Style No.: BLOW-440

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 : FEB.27, 2020

Test Performing Date : FEB.27, 2020 TO MAR.04, 2020

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



Allen Zou
Lab Manager



SGS-CSTC Inspection & Testing 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	Fabric / White
Area density	About 460 g/m ²
Products configuration	Single Layer
Size of sample *	400 mm × 150mm
Exposed surface	Face 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	30.07	29.35	2.39	0	0
2	29.96	27.95	6.71	0	0
3	29.94	28.04	6.35	0	0
4	29.84	28.87	3.25	0	0
5	29.94	28.07	6.25	0	0
6	29.90	28.41	4.98	0	0
7	29.88	28.04	6.16	0	0
8	29.87	28.47	4.69	0	0
9	29.80	29.00	2.68	0	0
10	30.00	28.88	3.73	0	0
Average	29.92	28.51	4.72	0	0

SD =1.63 3SD =4.89 Mean + 3SD =9.61

SD – Standards deviation

To be continued....



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Observations:

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



SGS-CSTC 检验检测专用章
Anji Branch Fire Technology Service

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