

Test Report

No. AJHL1605005379FB

Date: JUN.03, 2016

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SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

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

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description: SUPER TENACITY TENT FABRIC

Style/Item No.: ST-302

Supplier: SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

Manufacturer: SOYANG TECHNICAL TEXTILE (ZHEJIANG) CO., LTD

Test Requested:

Determine the flame resistance in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

Test Results: -- See attached sheet --

Conclusion: The tested sample "As received" **meets** the requirements of Test Method 1 of NFPA 701:2015.

Test Period:

Sample Receiving Date : MAY.27, 2016

Test Performing Date : MAY.27, 2016 TO JUN.02, 2016

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



Allen Zou
Technical Manager



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I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. Details of tested sample

Sample description / Color	Tent Fabric / White
Area density	About 285 g/m ²
Products configuration	Single Layer
Size of sample *	150mm x 400mm 10pcs

* With the length parallel to the lengthwise direction of the material

III. Conditioning

Prior to testing, the sample was conditioned,

at least 30 minutes at 105°C±3°C (220°F±5°F)

IV. Test results

Specimen No	Mass of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Burning time on floor (s)
1	17.21	16.45	4.42	0	0
2	17.13	16.35	5.55	0	0
3	17.24	16.89	2.03	0	0
4	17.73	16.97	4.29	0	0
5	17.27	16.34	5.39	0	0
6	17.33	16.22	6.41	0	0
7	17.16	16.32	4.90	0	0
8	17.22	16.44	4.53	0	0
9	16.89	16.12	4.56	0	0
10	17.18	16.46	4.19	0	0
Mean	17.25	16.46	4.63	0	0

SD =1.14 3SD =3.42 Mean + 3SD =8.05

SD – Standards deviation

To be continued....



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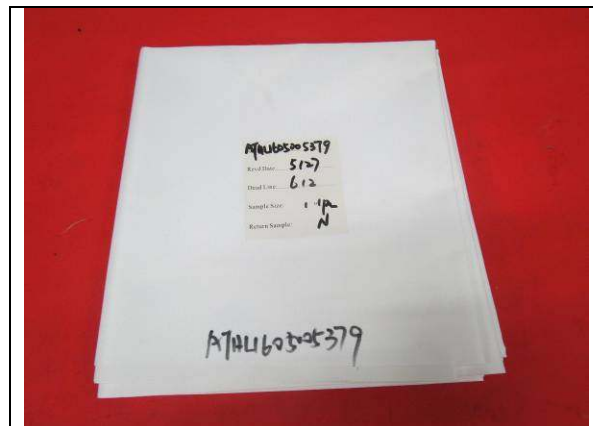
Observations:

Vigorousness of burning	No
Material molten dripping	Yes
Odor smoke	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 specimen.
2. The average weight loss of the 10 specimen 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.

Photo Appendix:



SGS authenticate the photo on original report only

*** End of Report ***