

Test Report

No. AJHL1701000213FB

Date: JAN.16, 2017

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KUANGING INDUSTRIAL CO., LTD

1502-1-1 NO.221 SHIXIN N. RD., XIAOSHAN, HANGZHOU, ZHEJIANG

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

Sample Description: 100% POLYESTER FABRIC WITH PRINTING&FR BLACKOUT COATING

Color: GREY&RED

Composition: 100% POLYESTER

Style/Item No.: KP16337

Supplier: KUANGING INDUSTRIAL CO., LTD

Manufacturer: KUANGING INDUSTRIAL CO., LTD

Country of Destination: USA

End Use Application: DRAPERY

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 : JAN.09, 2017

Test Performing Date : JAN.09, 2017 TO JAN.13, 2017

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

Materials / Color	Fabric / Grey & Red	
Area density	About 315g/m ²	
Products configuration	Single Layer	
Size of sample *	150mm × 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	19.37	18.07	6.71	0	0
2	19.47	18.30	6.01	0	0
3	19.60	17.05	13.01	0	0
4	19.79	18.23	7.88	0	0
5	19.63	18.27	6.93	0	0
6	19.49	18.09	7.18	0	0
7	19.41	18.29	5.77	0	0
8	19.61	17.84	9.03	0	0
9	19.39	17.99	7.22	0	0
10	19.55	17.71	9.41	0	0
Mean	19.53	17.98	7.92	0	0

SD =2.14 3SD =6.42 Mean + 3SD =14.34

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 ***



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