

Test Report

No. AJHG1506004933FB

Date: JUN.25, 2015

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SOYANG TECH. CO., LTD.

WEST 19TH FLOOR, YONGTONG INFORMATION PLAZA, NO.141, HUANCHENG BEI ROAD,
HANGZHOU CITY, ZHEJIANG PR., CHINA

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

Sample Description: PVC COATED MESH

Type/Style: MESH-189

Color: WHITE

Supplier: SOYANG TECH. CO., LTD.

Manufacturer: SOYANG TECH. CO., LTD.

Country of Origin: CHINA

Country of Destination: NORTH AMERICA

Test Requested:

Determine the flame resistance in accordance with test method 1 of NFPA 701:2010 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 701:2010.

Test Period:

Sample Receiving Date : JUN.18, 2015

Test Performing Date : JUN.18, 2015 TO JUN.25, 2015

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



Allen Zou
Technical Manager



SGS-CSTC Standards Technical Service Co., Ltd.
Anji Branch Plant and Textiles Goods Laboratory

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I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2010 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. Details of tested sample

Materials / Color	PVC / White
Area density	325g/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	20.40	19.51	4.36	0	0
2	20.49	19.55	4.59	0	0
3	20.34	19.93	2.02	0	0
4	20.48	19.53	4.64	0	0
5	20.45	19.62	4.06	0	0
6	20.39	19.48	4.46	0	0
7	20.42	19.63	3.87	0	0
8	20.38	19.56	4.02	0	0
9	20.47	19.50	4.74	0	0
10	20.39	19.53	4.22	0	0
Mean	20.42	19.58	4.10	0	0

SD =0.78 3SD =2.34 Mean + 3SD =6.44

SD – Standards deviation

To be continued....



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Observations:

Vigorousness of burning	No
Material molten dripping	No
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 ***