

Test Report

No. AJFS1703000783FF

Date: MAR.29, 2017

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SUZHOU HEAVEN WIND ENVIRONMENTAL TECHNOLOGY CO., LTD

QIUSHE INDUSTRIAL ZONE, TONGLI TOWN, WUJIANG, JIANGSU PROVINCE

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

Sample Description: DISPOSABLE PAEDIATRIC CURTAIN

SGS Ref No.: AJHL1703002004FT

Color: PATTERNED PRINTING

Density: 120GSM

Composition: 100% POLYPROPYLENE

P.O. / Ref No.: 201703012

Style/Item No.: DC3020

Supplier: SUZHOU HEAVEN WIND ENVIRONMENTAL TECHNOLOGY CO., LTD

Buyer: ALL OVER THE WORLD

Manufacturer: SUZHOU HEAVEN WIND ENVIRONMENTAL TECHNOLOGY CO., LTD

Country of Destination: ALL OVER THE WORLD

Addition Information: NON-WOVEN PATTERNED PRINTING FABRIC

End Use Application: HOSPITALS

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 : MAR.21, 2017

Test Performing Date : MAR.21, 2017 TO MAR.27, 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

Sample description / Color	Fabric / Multi
Area density	About 136 g/m ²
Products configuration	Single Layer
Size of sample *	150 mm × 400 mm 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

Test results

Specimen No.	Mass before test (g)	Mass after test (g)	Mass loss (%)	After flame time (s)	Burning time on floor (s)
1	8.99	8.79	2.22	0	0
2	8.41	8.25	1.90	0	0
3	9.00	8.76	2.67	0	0
4	8.52	8.36	1.88	0	0
5	8.46	8.23	2.72	0	0
6	8.92	8.69	2.58	0	0
7	8.72	8.55	1.95	0	0
8	8.56	8.36	2.34	0	0
9	8.59	8.32	3.14	0	0
10	8.44	8.26	2.13	0	0
Mean	8.66	8.46	2.35	0	0

SD =0.42 3SD =1.26 Mean + 3SD =3.61

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 ***



SGS-CSTC (China) Technical Services Co., Ltd.
Anji Branch Harbin

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