

Test Report

No. AJFS1908007835FF

Date: AUG.19, 2019

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GALE PACIFIC SPECIAL TEXTILES (NINGBO) LTD

NO.777 HENSAN-W ROAD, BEILUN, NINGBO

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: COMMERCIAL HEAVY 430FR-BRUNSWICK GREEN

Color: BRUNSWICK GREEN

Density: 430

Composition: HDPE

Style/Item No.: /

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 : AUG.13, 2019

Test Performing Date : AUG.13, 2019 TO AUG.19, 2019

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 701:2015 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

II. Details of tested sample

Sample description / Color	Fabric / Green
Area density	About 467 g/m ²
Products configuration	Single Layer
Size of sample *	150mm x 400mm
Exposed surface	Smooth 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	27.87	27.66	0.75	0	0
2	28.74	28.41	1.15	0	0
3	29.05	28.73	1.10	0	0
4	29.00	28.83	0.59	0	0
5	29.11	28.76	1.20	0	0
6	28.87	28.41	1.59	0	0
7	28.46	28.09	1.30	0	0
8	28.07	27.50	2.03	0	0
9	28.57	28.46	0.39	0	0
10	29.00	28.63	1.28	0	0
Mean	28.67	28.35	1.14	0	0

SD=0.48 3SD=1.44 Mean + 3SD=2.58

SD – Standards deviation

To be continued....



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 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 Inspection & Testing Services Co., Ltd.
Anji Branch Fire Technology Service

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