

**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**Style/Item No.:** /**Density:** 430**Composition:** HDPE**Test Requested:**

Determine the flame resistance in accordance with test method 2 (Unfolded test) 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 **meets** the requirements of Test Method 2 (Unfolded test) of NFPA 701:2015.**Test Period:**

Sample Receiving Date : JUL.19, 2019

Test Performing Date : JUL.19, 2019 TO JUL.25, 2019

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



Allen Zou  
Lab Manager



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**I. Test Conducted**

This test was conducted in accordance with test method 2 (Unfolded test) 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	399g/m <sup>2</sup>
Products configuration	Single layer
Size of sample *	1200mm×125mm

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

**III. Conditioning**

Prior to testing, the sample was conditioned at least 2 hours at 105°C±3°C

Cleansing Procedure: the sample was cleansed according to chapter 16.5 Accelerated water leaching for 72 hours.

**IV. Test results**

**After washed**

Specimen No	Char length (mm)	After flame time (s)	Burning time of residues or drops (s)
1	178	0	0
2	211	0	0
3	219	0	0
4	177	0	0
5	182	0	0
6	168	0	0
7	177	0	0
8	191	0	0
9	208	0	0
10	195	0	0

Criteria for test method 2 (unfolded test) (Chapter 15):

1. When any specimen continues flaming for more than 2 seconds after the test flame is removed from contact with the specimen, the material shall be recorded as having failed the test.
2. When the char length of any single flat specimen exceeds 435 mm, the material shall be recorded as having failed the test.

To be continued....



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3. When at any time during or after the application of the test flame any portions of residues of the material being tested break or drip from the specimen and fall to the floor of the test apparatus and continue burning for more than 2 seconds after reaching the floor of the test apparatus, the material shall be recorded as having failed the test.
4. In the event that only one of the 10 flat specimens does not meet the criteria, five new specimens cut in the same direction as the one that failed shall be test.
5. If all five the new specimens meet all of the criteria, the material shall be recorded as having pass the test.

### 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\*\*\*



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