

Test Report

No. AJFS1912013925FF

Date: JAN.14, 2020

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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 95 FR- CHARCOAL

Color: CHARCOAL

Density: 340

Composition: HDPE

Style/Item No.: /

Test Requested:

NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

Test Results: -- See attached sheet --

Conclusion:

The tested sample "As received" **meets** the requirements of NFPA 701:2019, test method 1.

Test Period:

Sample Receiving Date : DEC.31, 2019

Test Performing Date : DEC.31, 2019 TO JAN.13, 2020

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



Allen Zou
Lab Manager



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SGS-CSTC Inspection & Testing Services
Anji Branch Fire Technology Service

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I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2019 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, test method 1.

II. Details of tested sample

Sample description / Color	Fabric / Charcoal
Area density	About 361 g/m ²
Products configuration	Single Layer
Size of sample *	400 mm x 150mm
Exposed surface	Front 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	23.07	22.96	0.48	0	0
2	23.04	22.75	1.26	0	0
3	23.21	23.13	0.34	0	0
4	23.59	23.39	0.85	0	0
5	23.50	23.31	0.81	0	0
6	23.17	22.84	1.42	0	0
7	23.40	23.09	1.32	0	0
8	23.49	23.11	1.62	0	0
9	23.18	22.88	1.29	0	0
10	23.28	22.91	1.59	0	0
Average	23.29	23.04	1.10	0	0

SD=0.45 3SD =1.35 Mean + 3SD =2.45

SD – Standards deviation

To be continued....



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Observations:

Vigorousness of burning (Yes / No)	No
Material molten dripping (Yes / No)	Yes
Odor smoke (Yes / No)	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 specimens.
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 ***



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