



Test Report

No. AJFS1808008020FF

Date: AUG.20, 2018

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

Sample Description: SOLAR SCREEN E1 C7019

Color: BLACK

Composition: 30% POLYESTER 70%PVC

Style/item No.: /

Country of Destination: AMERICA / EUROPE

Test Requested:

Determine the flame resistance in accordance with test method 2 (folded 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 "As Received" **meets** the requirements of Test Method 2 (folded test) of NFPA 701:2015.

Test Period:

Sample Receiving Date : AUG.15, 2018

Test Performing Date : AUG.15, 2018 TO AUG.17, 2018

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 2 (folded 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 | Solar screen / Black |
| Area density | 312 g/m ² |
| Products configuration | Single layer |
| Size of sample * | 1200 mm×610 mm |

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

III. Cleaning and Conditioning

Cleaning procedure: none

Prior to testing, the sample was:

[] Dried in oven at 105°C±3°C for 2 hours.

[] Conditioned at 20°C±5°C for 24 hours.

IV. Test results

| Specimen No | Char length (mm) | After flame time (s) | Burning time of residues or drops (s) |
|-------------|------------------|----------------------|---------------------------------------|
| 1 | 230 | 0 | 0 |
| 2 | 238 | 0 | 0 |
| 3 | 221 | 0 | 0 |
| 4 | 228 | 0 | 0 |

Criteria for test method 2 (folded 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 length of char of any individual folded specimen exceeds 1050 mm, the material shall be recorded as having failed the test
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 four folded specimens does not meet the criteria of 1 above, two new specimens cut in the same direction as the one that failed shall be tested, if both of the new specimens meet all of the criteria, the material shall be recorded as having passed this test.

To be continued....



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Photo Appendix:



SGS authenticate the photo on original report only

*** End of Report ***



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