

## Test Report

No. AJFS1805004551FF

Date: MAY.22, 2018

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### ELITE SOLUTIONS TRADING & CONTRACTING

OFFICE NO. 02 FLOOR 04 BUILDING 02 RAWDAT AL KHAIL AREA, AL MUNTAZAH.

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

**Sample Description:** ELITE BLINDS SUN SCREEN FABRIC 5% OPENNESS

**Color:** WHITE

**Thickness:** 0.52mm

**Style/Item No.:** 1101 412g/m<sup>2</sup>

**Composition:** 30% POLYESTER AND 70% PVC

#### **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 : MAY.15, 2018

Test Performing Date : MAY.15, 2018 TO MAY.21, 2018

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



Allen Zou  
Technical Manager



SGS-CSTC Inspection & Testing Services Co., Ltd.  
Anji Branch Hangzhou

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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	Sun Screen fabric / White
Area density	527 g/m <sup>2</sup>
Products configuration	Single Layer
Size of sample *	150mm × 400mm      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 (220°F±5°F)

### 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	32.42	31.11	4.04	0	0
2	32.42	31.27	3.55	0	0
3	32.57	31.22	4.14	0	0
4	32.63	31.60	3.16	0	0
5	32.49	31.33	3.57	0	0
6	32.52	31.29	3.78	0	0
7	32.62	31.06	4.78	0	0
8	32.38	31.17	3.74	0	0
9	32.52	31.30	3.75	0	0
10	32.29	31.16	3.50	0	0
Mean	32.49	31.25	3.80	0	0

SD=0.44    3SD =1.32    Mean + 3SD =5.12

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 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.

**Photo Appendix:**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*



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