

### EDUCATIONAL INSIGHTS

**THIS REPORT IS TO SUPERSEDE TEST REPORT NO.AJD201000340-1 DATE: FEB.08, 2010**

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

**Sample Description:** EI1230 CLASSROOM LIGHT FILTERS-TRANQUIL BLUE ;

EI1231 CLASSROOM LIGHT FILTERS-WHISPER WHITE

**Type/style:** EI1230 ; EI1231

### **Test Requested:**

Determine the flame resistance in accordance with test method 1 of NFPA 701:2004 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films

**Test Results:** -- See attached sheet --

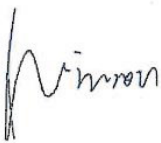
**Conclusion:** The tested sample "As received" **meets** the requirements of Test Method 1 of NFPA 701:2004.

### **Test Period:**

Sample Receiving Date : JAN.27, 2010

Test Performing Date : JAN.27, 2010 TO FEB.02, 2010

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



Winson Wang  
Supervisor

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### I. Test Conducted

This test was conducted in accordance with test method 1 of NFPA 701:2004 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

### II. Details of tested sample

Materials	Fabric
Color	Sample A: Blue; Sample B: Beige
Area Density	Sample A: 89g/m <sup>2</sup> ; Sample B: 85g/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

#### 1) Sample A

Specimen No	Mass of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Burning time on floor (s)
1	5.68	5.67	0.2	0.0	0.0
2	5.64	5.62	0.4	0.0	0.0
3	5.71	5.69	0.4	0.0	0.0
4	5.68	5.67	0.2	0.0	0.0
5	5.72	5.70	0.3	0.0	0.0
6	5.67	5.66	0.2	0.0	0.0
7	5.64	5.64	0.0	0.0	0.0
8	5.71	5.70	0.2	0.0	0.0
9	5.78	5.76	0.3	0.0	0.0
10	5.72	5.71	0.2	0.0	0.0
Mean	5.70	5.68	0.2	0.0	0.0

SD = 0.1

3SD = 0.3

Mean + 3SD = 0.5

SD – Standards deviation

To be continued....

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**Observations:**

Vigorousness of burning	No
Material molten dripping	Yes
Odor smoke	No

**2) Sample B**

Specimen No	Mass of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Burning time on floor (s)
1	5.42	5.28	2.6	0.0	0.0
2	5.43	5.02	7.6	0.0	0.0
3	5.39	4.92	8.7	0.0	0.0
4	5.44	5.04	7.4	0.0	0.0
5	5.40	5.07	6.1	0.0	0.0
6	5.42	4.97	8.3	0.0	0.0
7	5.46	5.39	1.3	0.0	0.0
8	5.47	5.21	4.8	0.0	0.0
9	5.44	5.14	5.5	0.0	0.0
10	5.46	5.23	4.2	0.0	0.0
Mean	5.43	5.13	5.6	0.0	0.0

SD = 2.5

3SD = 7.5

Mean + 3SD = 13.1

SD – Standards deviation

**Observations:**

Vigorousness of burning	No
Material molten dripping	Yes
Odor smoke	Yes

To be continued....

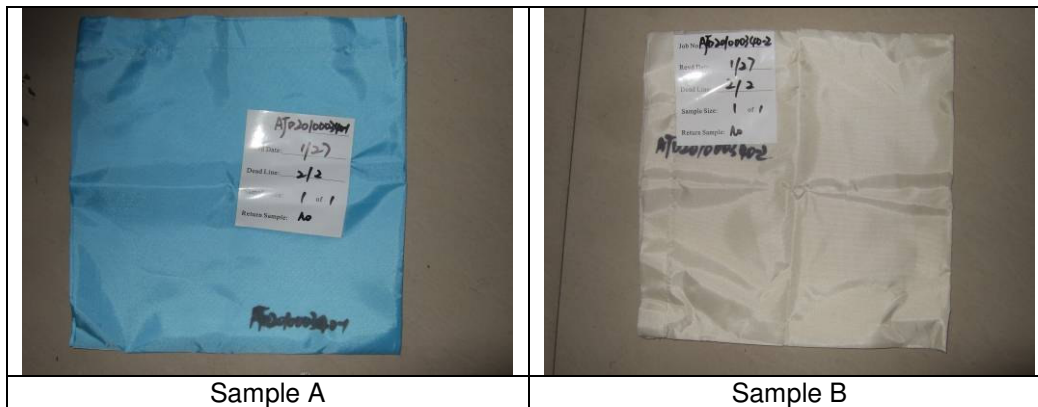
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Criteria for test method 1 (Chapter 10):

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 specimen 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:**



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

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