

### GO-DOME

4500 CAROLINE, HOUSTON, TX 77004, USA

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

**Sample Description:** DOME CLOTH

**SGS Ref No.:** SHHG1211043891SD

**Buyer:** GO-DOME

**Country of Origin:** CHINA

**Country of Destination:** USA

**End use application:** INFLATABLE DOME CLOTH

### **Test Requested:**

Determine the flame resistance in accordance with test method 1 of NFPA 701:2010 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 701:2010

### **Test Period:**

Sample Receiving Date : NOV.30, 2012

Test Performing Date : NOV.30, 2012 TO DEC.03, 2012

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



Allen Zou  
Technical Supervisor

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**I. Test Conducted**

This test was conducted in accordance with test method 1 of NFPA 701:2010 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films.

**II. Details of tested sample**

Materials/ Color	Fabric / Black
Area density	About 276g/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 of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (Percent)	After flame time (s)	Burning time on floor (s)
1	17.31	13.98	19.2	0	0
2	17.21	13.75	20.1	0	0
3	17.32	14.03	19.0	0	0
4	17.33	13.82	20.3	0	0
5	17.35	13.77	20.6	0	0
6	17.26	13.70	20.6	0	0
7	17.38	14.27	17.9	0	0
8	17.40	14.20	18.4	0	0
9	17.20	13.84	19.3	0	0
10	17.19	13.71	20.2	0	0
Mean	17.30	13.91	19.6	0	0

SD =0.9      3SD =2.7      Mean + 3SD =22.3

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 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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