

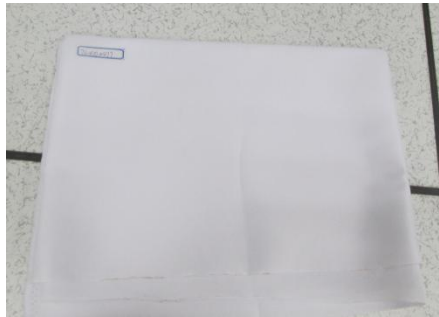
**Report No.** TC.14.09.000899

**Date of Issue** 09/11/2014

**Applicant:** Hangzhou Soyang Technologies Co., Ltd

**Applicant address:** West 19<sup>th</sup> Floor, Yongtong Info.Plaza,141th Huancheng Bei Road, Hangzhou, ZJ, China

**Description of the test subject:**

Sample	Description	Photo
001	Name: Fabric Style No:ST-113 Composition: Polyester Manufacturer: Soyang	

**Receipt Date of Sample:** 09/02/2014

**Date of Testing:** From 09/02/2014 to 09/11/2014

**Sample submitted:** The sample(s) was (were) submitted by applicant and identified.

**Conclusion:**

Test Items			Result
No.	Items	Standard	
1	Methods of Fire Tests For Flame Propagation of Textiles and Films	NFPA 701:2010 Method 1	Pass

Remark: Pass=Meet Standard's Requirement  
Fail= Below Standard's Requirement  
\* = No Specified Requirement.

Note: (1) General Terms & Conditions as mentioned overleaf,(2)The results relate only to the items tested,(3)The test report shall not be reproduced except in full without the written approval of the company. (4) Samples are tested as received.

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Test Results

**1 .Test method 1 of NFPA 701:2010 Standard Methods of Fire Tests for Flame Propagation of Textiles and Films**

1.1 Conditioning

Prior to testing	at least 30 minutes at 105°C ±3°C
Size of sample	150mm × 400mm 10pcs 315.0 g/m <sup>2</sup>

1.2 Test results

Specimen No:	Mass of specimen Before test (g)	Mass of specimen After test (g)	Mass loss (%)	After flame time (s)	Burning time on floor (s)
1	18.9	18.4	2.6	11	1
2	19.4	19.0	2.1	8	0
3	19.2	18.8	2.1	8	0
4	19.0	18.5	2.6	7	0
5	18.9	18.3	3.2	4	0
6	19.3	18.6	3.6	9	1
7	19.1	18.6	2.6	6	0
8	19.2	18.4	4.2	7	0
9	19.2	18.6	3.1	6	0
10	19.1	18.6	2.6	8	0
AVE	--	--	2.9	7.4	0.2

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.

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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.

1.3 Observations:

Vigorousness of burning	No
Material molten dripping	Yes
Odor smoke	Little

Conclusion: The tested sample "As received" meets the requirements of Test Method 1 of NFPA 701:2010

Changzhou Jinbiao Railway Transportation Technical Service Co., Ltd.

Drafted by:

Lynn liu

Approved by:

Shen hui

-End of Report-

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