

## Test Report

No. SDHGR121002419FM

Date: Nov.07, 2012

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DONG GUAN LOKYIN FOAM MANUFACTORY., LTD  
DONGGUAN QINGXI XIEKENG JINLONG ROAD

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

Sample Description : FOAM  
Sample Receiving Date : Oct.29, 2012  
Test Performing Date : Oct.29, 2012 to Nov.07, 2012  
Test Required : In accordance with California Technical Bulletin 117 Section A Part I and Section D Part II  
Test Result(s) : For further details, please refer to the following page(s)  
Comments / Conclusion : Pass: After performing the following tests, the submitted sample met the requirements of Section A Part I and Section D Part II.

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



Jack Yao  
Approved signatory

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**Test Conducted:**

(1) TB117 Requirements, Test Procedure and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture-2000 Section A Part I

**I Sample Details**

Material / Color:	Foam / Black	Density of sample:	26.7 kg/m <sup>3</sup>
Specified size of sample	12 x 3 x 1/2 inches	Actual size of sample:	12 x 3 x 1/2 inches

**II Test Condition**

	Temperature	Relative humidity	Duration
Conditioning of test sample	(20±2) °C	(50±5)%	24h
Oven Aging	104 °C	----	24h

**III Acceptance Criteria:**

For each set of tests (Initial and After Oven Aging):

- (1) The material fails the test when two or more specimens fail the following criteria,
- (2) or one-time retest of 5 additional specimens is permitted if only 1 specimen fails the following criteria. The material fails the test if one or more specimen fails in retest.

	After flame	After glow	Char Length
Maximum Individual Specimen	10.0 seconds	Not specified	8.0"
Maximum Average	5.0 seconds	15.0 seconds	6.0"

**IV Test Result**

Specimen Number	After flame (Second)	After glow (Second)	Char length (inch)	Rating	
Initial Test	1	0.0	0.0	1.8	Pass
	2	0.0	0.0	1.2	Pass
	3	0.0	0.0	1.6	Pass
	4	0.0	0.0	1.7	Pass
	5	0.0	0.0	1.6	Pass
	AVE	0.0	0.0	1.6	Pass
After Oven Aging	6	0.0	0.0	2.2	Pass
	7	0.0	0.0	1.8	Pass
	8	0.0	0.0	1.7	Pass
	9	0.0	0.0	1.7	Pass
	10	0.0	0.0	1.8	Pass
	AVE	0.0	0.0	1.8	Pass

**Sub – Conclusion: Pass**

To be continued...

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(2) TB117 Requirements, Test Procedure and Apparatus for Testing the Flame Retardance of Resilient Filling Materials Used in Upholstered Furniture-2000 Section D Part II

### I Sample Details

Material / Color:	Foam / Black	Density of sample:	26.7 kg/m <sup>3</sup>
Thickness of sample:	50 mm		

### II Test Condition

	Temperature	Relative humidity	Duration
Precondition	(20±2)°C	(50±5)%	24h

### III Acceptance Criteria:

For each specimen: Minimum weight retention of greater than 80%.

(1) The foam fails the test when two or more specimens fail the criteria,

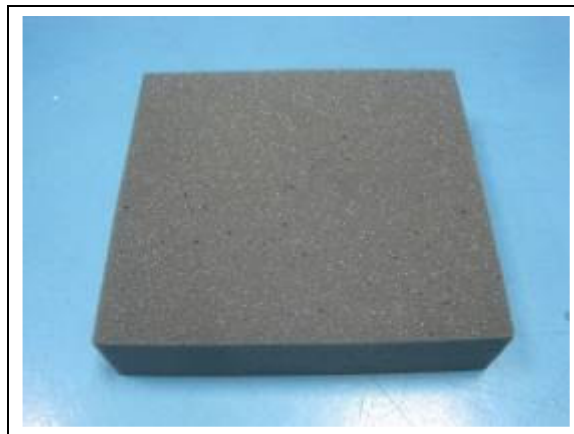
(2) or a single retest of 3 additional specimens is permitted if the weight retained of 1 specimen is less than 80%. The foam fails the test if one or more specimen fails in retest.

### IV Test Result

Specimen #	Weight Before Test (grams)	Weight After Test (grams)	Weight Retained (percent)	Rating
1	81.1	80.8	99.6	Pass
2	82.3	82.1	99.8	Pass
3	81.7	81.4	99.6	Pass

### Sub – Conclusion: Pass

### Photo Appendix:



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

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