



## STCTestReport

Date: 2014-10-29

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(DUPLICATE)

No.: ST178590

**Applicant(Code: SHS066)**

: 上海盛友实业有限公司  
浦东新区下沙呈祥港路586号

Attn: Qin Weixin

**Description of Sample(s)**

: One (1) group of submitted sample(s) said to be  
Foam



**Date Sample(s) Received**

: 2014-10-20

**Date Tested**

: 2014-10-20 to 2014-10-29

**Investigation Requested**

: Selected test(s) as detailed herein.

**Conclusion(s)**

: The submitted sample(s) was classified as HF-1 of UL 94:2013  
Horizontal Burning Foamed Material Test.



HAO Zhiwei, Eric

Textile and Materials Department  
For and on behalf of  
STC(Shanghai) Company Limited

STC (Shanghai) Company Limited

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## TEST RESULTS:

### Tests for flammability of plastic materials for parts in Device and Appliances

Ref.: UL 94:2013 Horizontal Burning Foamed Material Test

Sample : Foam  
 Sample Size or Specimen Size : 50mm×150mm×13mm  
 Sample Condition : Temp: 23±2°C, R.H.: 50±5% for a minimum of 48 hours.  
 Aging Sample Condition : Temp: 70°C for 168 hours, and then cooled in the desiccator for at least 4 hours at room temperature.

#### Test Results (1<sup>st</sup> test)

<u>Performance Specification</u>	<u>Specimen without aging</u>					<u>Specimen after aging</u>				
	1	2	3	4	5	1	2	3	4	5
Afterflame time (sec)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Afterglow time (sec)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Damaged length (mm)	0	0	0	0	0	0	0	0	0	0
Whether or not the dry absorbent surgical cotton placed below the test specimen was ignited by flaming particles	No	No	No	No	No	No	No	No	No	No

### Material classifications

Criteria conditions	HF-1	HF-2
Afterflame time	4/5 is ≤2s, 1/5 is ≤10s	4/5 is ≤2s, 1/5 is ≤10s
Afterglowtime for each individual specimen	≤30s	≤30s
Cotton indicator ignited by flaming particles or drops	No	Yes
Damaged length for each individual specimen	<60mm	<60mm

Notes: 4/5- Four out of a set of five specimens.  
 1/5- One out of a set of five specimens.

Comment: HF-1

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

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