



# STCTestReport

Date: 2014-10-29

Page 2 of 2  
(DUPLICATE)

No.: ST178590

## 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 \*\*\*\*\*