



## STC Test Report

Date: 2011-10-18

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No.: ST153523

**Applicant (Code:ZUD852)** : Zu Design/ FR-One  
Room 1709, Kodak House II, 39 Healthy Street East,  
North Point, Hong Kong.

Attn: Mr. Daniel Fung

**Description of Sample(s)** : One(1) piece of submitted sample said to be  
FR-One Tyrell  
Composition: 100%Polyester inherent FR  
End use: Curtains & Accessories  
P/O No.: CN 042  
Country of Origin: Belgium  
Country of Destination: China




**Date sample(s) Received** : 2011-09-15

**Date Tested** : 2011-09-15 to 2011-10-18

**Investigation Requested** : Selected test(s) as detailed herein.

**Conclusion(s)** : The submitted sample complied with the requirements of Class I of fire retardant fabric (after 12 washes) specified in GB 20286-2006 《Requirements and Mark on burning behavior of fire retarding products and subassemblies in public place》 .

  
TAN Zhile, Andy  
Textile and Materials Department  
For and on behalf of  
STC (Shanghai) Company Limited



STC (Shanghai) Company Limited

No. 130, Huashen Road, Waigaoqiao Free Trade Zone, Shanghai, China. ( Zip Code: 200131 )  
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<u>No.</u>	<u>Test items</u>	<u>Standard</u>	<u>Requirements</u>	<u>Results</u>	<u>Comment</u>
1	Oxygen Index, %	GB/T 5454-1997	$\geq 32.0$	38.5	Pass
2	Vertical Flammability Properties				
	- Flaming time, s	GB/T 5455-1997	$\leq 5$	0	Pass
	- Smouldering time, s		$\leq 5$	0	Pass
	- Damaged length, mm		$\leq 150$	73	Pass
- Cotton indicator ignited by flaming particles or drops, Yes /No	No		No	Pass	
3	Smoke Density Rate(SDR)	GB/T 8627-2007	$\leq 15$	4	Pass
4	Smoke Toxicity, Grade	GB/T 20285-2006	Not lower than ZA <sub>2</sub>	ZA <sub>2</sub>	Pass
Note: (1) The requirements are specified in GB 20286-2006, Class I of fire retardant fabric. (2) The submitted sample was washed for 12 times before testing, the washing procedure is according to GB/T 17596-1998, Gentle cycle, Tumble Dry.					

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

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