

Test Report

No. SDHG1412020867FB

Date: Dec.19, 2014

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DONGGUAN CHIEFDOM FLAME RETARDANT CO., LTD
 15 KUANGWU ROAD, MEILIN AVERAGE, DALINGSHAN TOWN, DONGGUAN, GUANGDONG, PRC CHINA

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

Sample Description : 200D OXFORD(100% POLYESTER)
 Country of Destination : U.K.
 Sample Receiving Date : Dec.12, 2014
 Test Performing Date : Dec.12, 2014 to Dec.19, 2014

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Schedule 4 Part I and Schedule 5 Part I of Furniture and Furnishings (Fire) (Safety) Regulations 1988 With Amendments In 1989, 1993 and 2010 of United Kingdom	PASS	/
For further details, please refer to the following page(s)			

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



Ivette Zhang
 Approved signatory



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Test Conducted:

The Test, Specified in Schedule 4 Part I and Schedule 5 Part I of the Furniture and Furnishings (Fire) (Safety) Regulations, is based on BS 5852: Part 1: 1979.

To assess the ignitability of visible cover used in upholstered components when subjected to ignition **source 0 and 1.**

General Information:

Cover Materials / Color	Fabric / White	Weight	Approximately 148 g/m ²
Soaking Condition:	<input checked="" type="checkbox"/> YES (BS5651,specified in UK Regulations)		
Precondition	Indoor Ambient Condition		72 h
Conditioning of Test Specimen and Ignition Source(s)	Temperature: (23±2) °C;Relative Humidity: (50±5) % Duration:24 h;		
Testing Enclosure (fume cupboard / room)	19 °C	RH 31 %	---

Test Results:

The following test results relate only to the ignitability of the combination of materials under the particular condition of test. They are not intended as a means of assessing the full potential fire hazard of the materials or products in use.

(A) Smoldering Cigarette Test (ignition source 0)

Criteria	1 st test	2 nd test
9.2.3) Whether the evidence of progressive smoldering or flaming is observed in the interior and/or cover	NO	NO
9.2.4) Whether progressive smoldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
9.2.5) Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

Test Details:

The filling material for Schedule 4 Part I was non-fire retardant polyurethane foam corresponding to the specification set out in BS 3379 Type B Hardness grade 130 and of a density of 20-22 kg per m³.

Test	Ignition Source	Time to extinction after placement of the cigarette			Rating, comments and observation
		Progressive Smoldering Time(second)	Flame Ceased Time(second)	Smoking Ceased Time	
1 st	0	0	0	3min29s	#1
2 nd	0	0	0	3min51s	#1

Sub-Conclusion: PASS



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(B) Butane Flame Test (ignition source 1)

Criteria	1 st test	2 nd test
9.3.4) Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube	NO	NO
9.4) Whether progressive smoldering is observed on final examination when dismantle assembly and examine internally	NO	NO

Test Details:

The filling material for Schedule 5 Part I was non-fire retardant polyurethane foam corresponding to the specification set out in BS 3379 Type B Hardness grade 130 and of a density of 20-22 kg per m³.

Test	Ignition Source	Ignition Time	Time to Extinction after Removal of the Burner(second)		Rating, comments and observation
			Flame Ceased Time	Smoking Ceased Time	
1 st	1	(20±1)s	1	7	#4
2 nd	1	(20±1)s	2	10	#4

Sub-Conclusion: PASS

Remark: N/A--Not Applicable; N/C--Not Conduct;

- #1—Pass, cigarette fails to smoulder its complete length;
- #2—Pass, cigarette passes to smoulder its complete length, but the sample was not ignition;
- #3—Pass, the sample was not ignited after removal of the burner;
- #4—Pass, flaming but self-extinguishment;
- #5—Fail, extinguished by operator, escalating flaming combustion;
- #6—The first test failed, so retest was not conducted.

Photo Appendix:



Remark:

1. The original test report Reference No. SDHG1412020866FB, issued date: Dec.19, 2014, was modified on Dec.19, 2014 according to original applicant's requirements. Following changes are included:
 - a. Change of applicant's name.
 - b. Change of applicant's address.

End of Report



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