

Test Report

No. SDHL1605008707FB

Date: Jun.02, 2016

Page 1 of 3

FOSHAN RUIXIN NON WOVEN CO., LTD
 RAYSON INDUSTRIAL ZONE, HUASHA ROAD, SHISHAN, FOSHAN HIGH-TECH ZONE, GUANGDONG, CHINA

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

Sample Description : PP SPUNBOND NON WOVEN FABRIC
 Sample Receiving Date : May 26, 2016
 Test Performing Date : May 26, 2016 to Jun.02, 2016

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Schedule 4 Part II and Schedule 5 Part III 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
 Shunde Branch
 SGS-CSTC Co., Ltd.



Kevin Pan
 Approved signatory



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN_Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
 Shunde Branch Shunde Textiles & Homegoods Laboratory.

1/F, 1st Building, European Industrial Park, No.1 Shunhenan Road, Wusha Section, Daitang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgsgroup.com.cn
 中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

Test Conducted:

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

To assess the ignitability of invisible covers used in upholstered components when subjected to ignition source **Q and 1**.

General Information:

Materials / Color	Non-Woven Fabric / Black	Weight	Approximately 54.0 g/m ²
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)	29 °C	RH 62 %	---

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 II 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	18min11s	#2
2 nd	0	0	0	17min40s	#2

Sub-Conclusion: PASS



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-COC Standards Technical Services Co., Ltd.
Shunde Branch, Shunde Guangdong Technical Goods Laboratory.

1F, 1st Building, European Industrial Park, No.1 Shunhenan Road, Wusha Section, Daitang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

(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 III were foam which had pass the ignitability test in Part I of Schedule 1 and which has a density of 24-26 kg per m³.

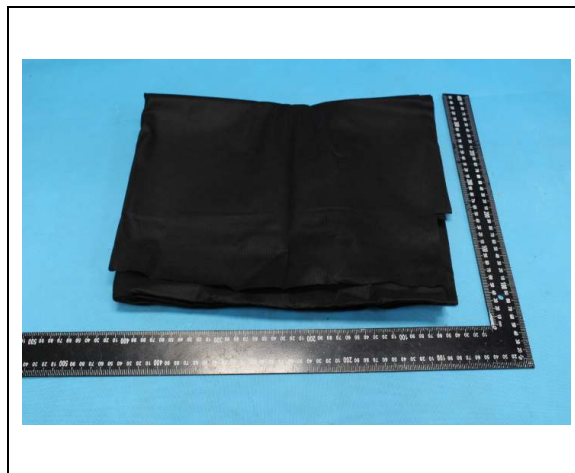
Test	Ignition Source	Ignition Time	Time to Extinction after Removal of the Burner(second)		Rating, comments and observation
			Flame Ceased Time	Smoking Ceased Time	
1 st	1	(20±1)s	0	5	#3
2 nd	1	(20±1)s	0	6	#3

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:



End of Report



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CTI Standards Technical Services Co., Ltd.
Shunde Branch Standards Technical Services Laboratory.

11F, 1st Building, European Industrial Park, No.1 Shunhenan Road, Wusha Section, Daitang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号厂房首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com