

Test Report

No. AJD201301268

Date: MAR.28, 2013

Page 1 of 4

ZHEJIANG XINSHANGCHAO POLYMER CO, LTD

NO.260, YONGNING RD, INDUSTRY AREA OF XIPING, SONGYANG ZHEJIANG CHINA

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

Sample Description: BONDED LEATHER

Test Requested:

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No.1324 (amended 1989,1993 and 2010), Schedule 4, Part I, Cigarette test for cover fabrics.

The Furniture and Furnishings (Fire) (Safety) Regulations 1988. S.I. No.1324 (amended 1989, 1993 and 2010), Schedule 5, Part I, Match test for cover fabrics.

As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852: Part 1:1979.

Test Results: -- See attached sheet --

Conclusion: The tested Sample **Meets** the Requirements of Schedule 4 Part I and Schedule 5 Part I In Statutory Instrument 1988 No.1324 (Amended 1989, 1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

Test Period:

Sample Receiving Date : MAR.21, 2013

Test Performing Date : MAR.21, 2013 TO MAR.27, 2013

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



Allen Zou
Technical Supervisor

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/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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 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.

Test Conducted

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No 1324 (amended 1989,1993 and 2010), Schedule 4 Part I and Schedule 5 Part I, Cigarette test and Match test for cover fabric Smouldering Cigarette (ignition source 0) and Match Ignition (ignition source 1) of BS 5852:1979 Part 1

Conditioning

Prior to testing the sample was,

Cleansed using a water-soak procedure at 40±1°C as described in BS 5651:1978 and modified by this Regulations 1988 S.I. No 1324 (amended 1989, 1993 and 2010) Schedule 4 Part I and Schedule 5 Part I.

And then dried and conditioned at least 72 h in indoor ambient conditions and 16 hours in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%

Test results

The following test results 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) Smouldering Cigarette test Criteria	1 st	2 nd
Clause 9.2.3 Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover	NO	NO
Clause 9.2.4 Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette	NO	NO
Clause 9.2.5 Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally	NO	NO
(B) Butane Flame test Criteria	1 st	2 nd
Clause 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
Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally	NO	NO

To be continued....

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/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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 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.



Test Details

Cigarette Test			
Specimen No.		1st	2nd
Ignition (I) / Did not ignite (DNI) / Ignite but extinguished (IBE) / Surface flash burn (SFB)		DNI	DNI
Progressive smouldering (PS) or Flaming (F)		NO	NO
Duration of	Ignition source (min, sec)	19min49s	19min52s
	Flames (min, sec)	0	0
	Smoke (min, sec)	19min55s	19min59s
Final examination of progressive smouldering (9.4)		NO	NO
Reason for failure (Ref to failure code)		--	--
Comments & observations		--	--
Overall Result		PASS	PASS

Match Test			
Specimen No.		1st	2nd
Ignition (I) / Did not ignite (DNI) / Ignite but extinguished (IBE) / Surface flash burn (SFB)		DNI	DNI
Progressive smouldering (PS) or Flaming (F)		NO	NO
Duration of	Ignition source (19-21 sec)	20s	20s
	Flames (min, sec)	0s	0s
	Smoke (min, sec)	18s	23s
Final examination of progressive smouldering (9.4)		NO	NO
Reason for failure (Ref to failure code)		--	--
Comments & observations		--	--
Overall Result		PASS	PASS

Statements: The submitted sample was tested in combination with standard worst case scenario non-flame retardant conventional polyurethane foam as specified in the Regulations.

To be continued....

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/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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 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.



Photo Appendix:

Details of sample:

Color: Beige

This fabric sample of approximate density of 471g/m².



*** 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/terms_and_conditions.htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. 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.