West Yorkshire Materials Testing Service

PO Box 5, Morley, LS27 0QP
Nepshaw Lane South, Morley, Leeds
Tel 0113 253 0241 Fax 0113 252 7029
Head of Laboratory G. Briggs C. Text ATI

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 51742

Date received: 01/08/2012

Client's Description: Sample of fabric: Leaf TFR

TEST REPORT

Test Required: Flammability BS 7176 Medium Hazard

Pre-treatment: Water soaking in accordance with Annex D in BS EN 1021-1 and BS EN 1021-2 followed by line drying

Conditioning: A minimum of 24 hours at 50 +/- 5% Relative Humidity, 23 +/- 2°C

Method of Test: BS EN 1021-1: 2006 – smouldering cigarette
BS EN 1021-2: 2006 – match flame equivalent

Date of Test: 07/08/2012

Ignition Source	Observations	Result
Smouldering cigarette	No flaming or progressive smouldering was observed within one hour of placement of the cigarettes.	PASS
Match flame equivalent	Flaming ceased within the specified two minute period after removal of the butane flame and no progressive smouldering occurred.	PASS

Note: A 35 kg/m^3 CMHR Foam (Carpenters RX36-125) which meets the requirements of Annex A of BS 7176 was used as the filling

The above tests relate only to the ignitability of the combination of materials under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

----------End of Page----------

This is hereby certified to be a correct return of the tests made of the items referred to herein.

G Briggs
Head of Laboratory
08 August 2012

UKAS TESTING 1104

- Unless instructed otherwise by the client sample remnants will be disposed of after 28 days
- Test marked (*) in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.

West Yorkshire Materials Testing Service

PO Box 5, Morley, LS27 0QP
Nepshaw Lane South, Morley, Leeds
Tel 0113 253 0241 Fax 0113 252 7029
Head of Laboratory G. Briggs C. Text ATI

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 51742

Method of Test: BS 5852 : 2006 Clause 11 (composites)

Pre-treatment: Water soaking in accordance with Annex E in BS 5852 : 2006 followed by line drying

Conditioning: A minimum of 96 hours at 50 +/- 5% Relative Humidity, 23 +/- 2°C

Date of Test: 07/08/2012

The following test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

Ignition Source	Observations	Result
5 (Wood Crib)	Flaming ceased within the specified ten minute period after ignition of the crib and no progressive smouldering occurred.	PASS

Note: A 35 kg/m^3 CMHR Foam (Carpenters RX36-125) which meets the requirements of Annex A of BS 7176 was used as the filling

Comments

BS 7176 : 2007 + A1 : 2011 relates to labelling of furniture. If an item of furniture was manufactured from a composite of the fabric and foam tested above then it would comply with the medium hazard category requirements provided that it was tested every 2.500 units or once per month as required by Para 5 of BS 7176.

----------End of Page----------

This is hereby certified to be a correct return of the tests made of the items referred to herein.

G Briggs
Head of Laboratory
08 August 2012

UKAS TESTING 1104

- Unless instructed otherwise by the client sample remnants will be disposed of after 28 days
- Test marked (*) in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.

West Yorkshire Materials Testing Service

PO Box 5, Morley, LS27 0QP
Nepshaw Lane South, Morley, Leeds
Tel 0113 253 0241 Fax 0113 252 7029
Head of Laboratory G. Briggs C. Text ATI

Client: Gabriel
Hjulmagervej 55
Postbox 59
DK-9100 Aalborg
Denmark

Entry No: 51742

During the tests the following data was recorded: -

	Smouldering cigarette		Match flame equivalent		
Time of Ignition (sec)	No Ignition	No Ignition	12	13	13
Time to extinction of flame after removal of butane flame (sec)	N/A	N/A	1	1	1
Time of Cover Split (sec)	Did not split	Did not split	Did not split	Did not split	Did not split
Melting (Yes or No)	No	No	No	No	No
Dripping (Yes or No)	No	No	No	No	No
Charring (Yes or No)	Yes	Yes	Yes	Yes	Yes

	Source 5	
Time of ignition (sec)	16	12
Time to extinction of flaming (sec)	350	381
Time to extinction of smoke (sec)	476	492
Time to cover splitting (sec)	83	85
Damage on seat width (mm)	163	168
Damage on seat length (mm)	137	132
Damage on seat depth (mm)	47	51
Damage on back width (mm)	192	228
Damage on back length (mm)	448	435
Damage on back depth (mm)	73	72
Melting (Yes or No)	No	No
Dripping (Yes or No)	No	No
Charring (Yes or No)	Yes	Yes

----------End of Document----------

This is hereby certified to be a correct return of the tests made of the items referred to herein.

G Briggs
Head of Laboratory
08 August 2012

UKAS TESTING 1104

- Unless instructed otherwise by the client sample remnants will be disposed of after 28 days
- Test marked (*) in this certificate are not included in the UKAS Accreditation Schedule for this Laboratory.
- Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
- This Certificate relates only to the sample received and, unless that sample has been drawn by the staff of this laboratory, or its agent, and endorsed accordingly, any application of the result to a bulk quantity or other material is entirely the responsibility of the client.