

TEST REPORT NO:121540

Date:26 October 2016

PIERRE FREY SAS
47 RUE DES PETITS CHAMPS
75001 PARIS
FRANCE
FRANCE

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

Retailer	Not Specified
Description of article	Micha
Retailer style number	F3172
Retailer Standard Number	Pierre Frey
Order No./ Buyer	1926066
Quality/Fibre Composition	91% Li, 9% Pa
Date Sample(s) Received:	13 October 2016

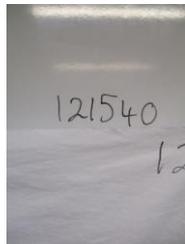
Test

Schedule 4 Parts I Cigarette Test	Pass
Schedule 5 Part I Match Test	Fail
BS EN 1021-1 Ignition Source 0 (Cigarette) Incl water soak	Pass
BS EN 1021-2 Ignition Source 1 (match) Incl water soak	Pass

Remarks

Tests as requested by the customer

Signature



For and on behalf of
SGS Leicester Ltd.

All samples are conditioned to ISO 139 where conditioning is required (unless otherwise stated)

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Customer: Pierre Frey SAS **Test Report No:** 121540

Smouldering Cigarette and Match Ignition: BS 5852: Part 1 1979

Test Request

The sample supplied is a woven fabric and has been tested to the flammability performance requirements of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No 1324 as amended, Schedule 4 part 1 smouldering cigarette and schedule 5 part 1 Match ignition, using BS 5852:1979.

Fibre Identification

Reputed Fibre Composition: 91% Li 9% Pa

Pre-Treatment

The sample was subjected to a water soak procedure as described in BS5651: 1978 Clause 4.5 (as amended by the Furniture and Furnishing Regulations) and then line dried.

Conditioning

The sample was conditioned in an indoor ambient condition for 72 hours and then in a standard atmosphere having a temperature of 20°C ± 5°C and a relative humidity of 50% r.h. ± 20% for a minimum of 16 hours.

Comments on Test Results

The fabric sample supplied does not meet the flammability performance requirements of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No 1324 as amended, Schedule 5 Part1 Match ignition, due to the duration of flaming is greater than 120 seconds after the removal of Ignition source.

The fabric sample supplied meets the flammability performance requirements of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No 1324 as amended, Schedule 4 Part1 smouldering cigarette when tested as stated in the results.

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Customer: Pierre Frey SAS **Test Report No:** 121540

Results

'The following test results 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 materials in use.'

Cigarette Test

Pass criteria:

When two samples are tested no progressive smouldering or flaming is to be observed within 1 hour of placement of the cigarette. If the cigarette fails to smoulder to its complete length, the test is repeated in a new position not less than 50mm from the previous damage. No progressive smouldering is to be present in the final examination.

Cigarette Ignition		
Specimen Number	1	2
Smouldering time of the Cigarette	28mins 4secs	28mins 20secs
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
After Glow	N	N
Cover Splitting	N	N
Final Examination	P	P

Match Test

Pass Criteria:

Disregard flaming or progressive smouldering which ceases within 120seconds of the removal of the burner tube. Disregard smoking and afterglow which ceases within 15minutes of the removal of the burner tube as per British Standards committee CCM/44. No progressive smouldering is to be present in the final examination.

Match Test		
Specimen Number	1	Time
Smouldering	N/A	-
Flaming	Y	>120secs
Smoking	Y	>120secs
Afterglow	N/A	-
Cover split	Y	N/A
Final Examination	F	

Please note the sample was extinguished due to the flaming being greater than 120 seconds after the removal of the ignition source.

Smouldering Cigarette test and the match test were carried out over Non-Fire Retardant Polyurethane Foam of Density 20-22 Kg per m³. The face of the fabric was tested.

Key

- Y= Yes N=No N/A= Not Applicable
- P=Pass F=Fail DNS= Does not smoulder
- NPS = Non progressive smouldering
- PS = Progressive smouldering within 1 hour

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Customer: Pierre Frey SAS **Test Report No:** 121540

EN 1021-1-2:2014

Test Request

The sample supplied is a woven fabric and has been tested to EN 1021-1-2:2014, Smouldering Cigarette and Match Ignition, 0+1.

Fibre Identification

Reputed Fibre Composition: 91% Li 9% Pa

Pre-Treatment

The sample was cleansed using a water-soak procedure at 40°C ± 1°C as described in Annex D and line dried.

Conditioning

The sample has been tested after a 24 hour period conditioning in an atmosphere of a relative humidity of 50±5% and a temperature of 23±2°C

Comments on Test Results

The fabric sample supplied meets the requirements of EN 1021-1-2:2014 Smouldering Cigarette and Match test.

Results

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

Cigarette Test

Pass criteria:

When two samples are tested no progressive smouldering or flaming is to be observed within 1 hour of placement of the cigarette. If the cigarette fails to smoulder to its complete length, the test is repeated in a new position not less than 50mm from the previous damage. No progressive smouldering is to be present in the final examination.

Cigarette Ignition			
Specimen Number	1	2	3
Smouldering time of the Cigarette	26mins 54secs	27mins 13secs	27mins 38secs
Smouldering	NPS	NPS	NPS
Flaming	N	N	N
Smoking	N	N	N
After Glow	N	N	N
Cover Splitting	N	N	N
Final Examination	P	P	P

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Match Test

Pass Criteria:

Disregard flaming or progressive smouldering which ceases within 120seconds of the removal of the burner tube. Disregard smoking and afterglow which ceases within 15minutes of the removal of the burner tube as per British Standards committee CCM/44.No progressive smouldering is to be present in the final examination.

Match Test						
Specimen Number	1	Time	2	Time	3	Time
Smouldering	N	-	N	-	N	-
Flaming	N	-	Y	1sec	Y	1sec
Smoking	Y	4secs	Y	5secs	Y	6secs
Afterglow	N	-	N	-	N	-
Cover split	N		N		N	
Final Examination	P		P		P	

Please note that the fabric sample was tested over Combustion Modified Foam (CMHR) with a density of 35kg per M³.

Key

Y= Yes N=No N/A= Not Applicable
P=Pass F=Fail DNS= Did Not Smoulder
NPS = Non progressive smouldering
PS = Progressive smouldering within 1 hour

End of Report

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