

TEST REPORT NO:121649

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	Felix
Retailer style number	F3175
Retailer Standard Number	Unknown
Order No./ Buyer	1926066
Quality/Fibre Composition	100% Linen
Date Sample(s) Received:	14 October 2016

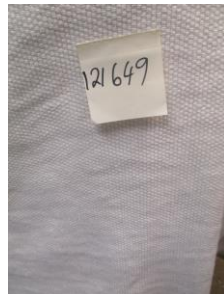
#### Test

Schedule 4 Parts I Cigarette Test	Pass
Schedule 5 Part I Match Test	Pass
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:** 121649

**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: 100% Linen

**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 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 and schedule 5 part 1 Match ignition, and may therefore be used in upholstered furniture, which carries the relevant permanent label.

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**Customer:** Pierre Frey SAS      **Test Report No:** 121649

**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	35mins 10secs	35mins 33secs
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
After Glow	N	N
Cover Splitting	N	N
<b>Final Examination</b>	<b>P</b>	<b>P</b>

**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
Smouldering	N	-	N	-
Flaming	N	-	N	-
Smoking	Y	5secs	Y	4secs
Afterglow	N	-	N	-
Cover split	N	N/A	N	N/A
<b>Final Examination</b>	<b>P</b>		<b>P</b>	

**Smouldering Cigarette test and the match test were carried out over Non-Fire Retardant Polyurethane Foam of Density 20-22 Kg per m<sup>3</sup>. 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:** 121649

**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 100% Linen

**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	33mins 4secs	33mins 26secs	33mins 41secs
Smouldering	NPS	NPS	NPS
Flaming	N	N	N
Smoking	N	N	N
After Glow	N	N	N
Cover Splitting	N	N	N
<b>Final Examination</b>	<b>P</b>	<b>P</b>	<b>P</b>

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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	-	N	-	N	-
Smoking	Y	5secs	Y	3secs	Y	3secs
Afterglow	N	-	N	-	N	-
Cover split	N		N		N	
<b>Final Examination</b>	<b>P</b>		<b>P</b>		<b>P</b>	

Please note that the fabric sample was tested over Combustion Modified Foam (CMHR) with a density of 35kg per M<sup>3</sup>.

**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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