

TEST REPORT NO:121389

Date:20 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:

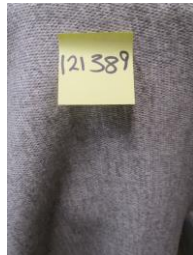
| | |
|---------------------------|---------------------------------|
| Retailer | Not Specified |
| Description of article | Annie |
| Retailer style number | F3194 |
| Retailer Standard Number | Unknown |
| Order No./ Buyer | 20160927 |
| Quality/Fibre Composition | 56%Li 20%Co 6%Wm 7&Wp 6%Wo 5%PA |
| Date Sample(s) Received: | 07 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 |
| BS5852 Ignition Source 5 (cribs) | Fail |

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)

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.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 90 days only

Customer: Pierre Frey SAS **Test Report No:** 121389

Test Results

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: 56% Li, 20% Co, 6% Wm, 7% Wp, 6% Wo, 5% 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 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.

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.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 90 days only

Customer: Pierre Frey SAS **Test Report No:** 121389

Test Results

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 | 23mins 3secs | 23mins 39secs |
| 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 | 2 | Time |
| Smouldering | N | - | N | - |
| Flaming | N | - | N | - |
| Smoking | Y | 4secs | Y | 5secs |
| Afterglow | N | - | N | - |
| Cover split | N | N/A | N | N/A |
| Final Examination | P | | P | |

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

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.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 90 days only

Customer: Pierre Frey SAS **Test Report No:** 121389

Test Results

EN 1021-12:2014

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: 56% Li, 20% Co, 6%Wm, 7% Wp, 6% Wo, 5% 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 24hour 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.

| <u>Cigarette Ignition</u> | | | |
|-----------------------------------|---------------|---------------|---------------|
| Specimen Number | 1 | 2 | 3 |
| Smouldering time of the Cigarette | 23mins 31secs | 23mins 39secs | 23mins 52secs |
| 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 |

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.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 90 days only

Customer: Pierre Frey SAS **Test Report No:** 121389

Test Results

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 | 6secs | 6 | 7secs | 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

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.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 90 days only

Customer: Pierre Frey SAS **Test Report No:** 121389

Test Results

BS 5852:2006: Clause 11: Ignition Source 5

Test Request

The sample supplied is a woven fabric and has been tested to BS 5852:2006 Clause 11 using Ignition Source 5

Fibre Identification

Reputed Fibre Composition 56% Li, 20% Co, 6%Wm, 7% Wp, 6% Wo, 5% Pa

Pre-Treatment

The sample supplied was water soaked and dried in accordance to BS 5852:2006 Annex E

Conditioning

Before testing the sample was conditioned in an indoor ambient condition for 72 hours and 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 16hours.

Comments on Test Results

The sample supplied does not meet the requirements of BS 5852:2006 Clause 11, I/5 for the reason being the duration of flaming is greater than 10 minutes after the ignition of the crib.
The flame front has reached the lower margin either side and passed through the full thickness of the test specimen within the test duration.

Results

“The following test results relate only to the ignitability of combination of upholstery composites (BS 5852:2006 Clause 11) under the particular conditions of the test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.”

Ignition Source 5

Pass Criteria: ~ Disregard flaming which ceases within 10 minutes. Smoke, heat or glowing which ceases within 60 minutes of igniting the crib.

No smouldering is to be present in the final examination.

| Specimen Number | 1 | Time |
|--|----------|---------|
| Smoking | Y | >10mins |
| Smouldering | N/A | - |
| Flaming | Y | >10mins |
| Afterglow | N/A | - |
| Flame front reaches extremities within the test duration (other than the top of vertical part) | Y | N/A |
| Cover Split | Y | N/A |
| Final examination (ignition or Non-Ignition) | ignition | |

Please note that the fabric sample was tested over combustion-modified foam with a density of 35kg per M³.

Key: Y = Yes N = No N/A = Not Applicable

End of Report

This document is issued by the Company under its General Conditions of Service accessible at www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.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 90 days only