

TEST REPORT NO:121391

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 | Judith |
| Retailer style number | F3187 |
| Retailer Standard Number | Unknown |
| Order No./ Buyer | 20160927 |
| Quality/Fibre Composition | 79% Wo 21% Co |
| Date Sample(s) Received: | 07 October 2016 |

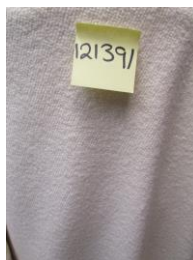
Test

| | |
|--|------|
| 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) | 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:** 121391

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: 79% Wo, 21% Co

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:** 121391

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 28secs | 23mins 43secs |
| 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

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Customer: Pierre Frey SAS **Test Report No:** 121391

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 79% Wo, 21% Co

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 | 23mins 56secs | 23mins 30secs | 23mins 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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Customer: Pierre Frey SAS **Test Report No:** 121391

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 | 5secs | Y | 4secs |
| 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

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Customer: Pierre Frey SAS **Test Report No:** 121391

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 79% Wo, 21% Co

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 meets the requirements of BS 5852:2006 Clause 11, I/5.

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 | 2 | Time |
|--|--------------|--------------|--------------|--------------|
| Smoking | Y | 7mins 14secs | Y | 7mins 10secs |
| Smouldering | N | - | N | - |
| Flaming | Y | 6mins 30secs | Y | 6mins 12secs |
| Afterglow | N | - | N | - |
| Flame front reaches extremities within the test duration (other than the top of vertical part) | N | N/A | N | N/A |
| Cover Split | N | N/A | N | N/A |
| Final examination (ignition or Non-Ignition) | Non ignition | | Non 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

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