

TEST REPORT NO: 140997

Date: 28 March 2018

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

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

Retailer	Not Specified
Description of article	F3317 OUNAS
Retailer style number	NATURAL
Retailer Standard Number	UNKNOWN
Order No./ Buyer	NOEMIE DE BACKER
Quality/Fibre Composition	100% POLYESTER FR
Date Sample(s) Received:	21 March 2018

Test

BS5852 Ignition Source 0 & 1	Pass
BS5852 Ignition Source 5	Pass
BS EN 1021-1 Ignition Source 0	Pass
BS EN 1021-2 Ignition Source 1	Pass
BS 5867 Part 2 Type B	Pass

Remarks

Tests as requested by the customer.

Signature

For and on behalf of
SGS Leicester Limited

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:** 140997

Test Results

BS 5852: Part 1: 1979

Methods of test for the ignitability by smokers' materials of upholstered composites for seating.

Test Requested

The test specimen supplied is woven and has been tested using ignition sources 0 and 1 using the following test method BS 5852: Part 1: 1979.

Fibre Identification

Stated Fibre Composition: 100% Polyester

Conditioning

The materials to be tested and cigarettes were conditioned immediately before the test for 72 hours in an indoor ambient condition and then for at least 16 hours in an atmosphere having a temperature of $20 \pm 5^\circ\text{C}$ and a relative humidity of $50 \pm 20\%$.

Comments of Test Results

The test specimen meets the requirements of clause 9 from BS 5852: Part 1: 1979 using ignition source 0 and 1.

Results

'The following tests 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 the materials in use'

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Customer: PIERRE FREY SAS **Test Report No:** 140997

Test Results

Two cigarettes are placed along the junction between the horizontal and vertical test pieces in accordance with Clause 9.2.2. No progressive smouldering or flaming is to be observed within 1 hour of placement of the cigarette (Clause 9.2.4).

The Cigarette Test		
	Cigarette 1	Cigarette 2
Clause 9.2.3 Evidence of Progressive Smouldering/ Flaming or Afterglow.	No	No
Cover Splitting	Yes	Yes
Clause 9.4 Any Internal Progressive Smouldering during the Final Examination	No	No
Test Result	Pass	Pass

A butane flame is applied at the junction between the horizontal and vertical test pieces for a period 20 ± 1 second in accordance with clause 9.3.2. No Flaming or Progressive Smouldering is to be observed after 2 minutes of the removal of the burner tube (Clause 9.3.4).

The Match Test		
	Match 1	Match 2
Clause 9.3.4 Evidence of Flaming/ Progressive Smouldering/ Afterglow or Smoking	No	No
Cover Splitting	Yes	Yes
Clause 9.4 Any Internal Progressive Smouldering during the Final Examination	No	No
Test Result	Pass	Pass

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

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Customer: PIERRE FREY SAS **Test Report No:** 140997

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: 100% Polyester

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 23°C ± 2°C and a relative humidity of 50% r.h ± 5% 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	6mins 10secs	Y	5mins 56secs
Smouldering	N	-	N	-
Flaming	Y	3mins 56secs	Y	3mins 29secs
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	Y	N/A	Y	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

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Customer: **PIERRE FREY SAS** Test Report No: **140997**

Test Results

BS EN 1021 -1 & 2:2014
Assessment of the ignitability of upholstered furniture
Part 1 – Ignition source smouldering cigarette
Part 2 – Ignition source match flame equivalent

Description of Test Specimen – Woven

Test Requested –

The test specimen has been tested to BS EN 1021 – 1 & 2: 2014 Smouldering cigarette and match flame.

Preparation (Clause 7.1) –

The test specimen was subject to a water soak as outlined in Annex D with a temperature of 40 ± 1 °C.

Conditioning (Clause 7.2) –

All materials to be tested and the cigarettes have been conditioned for at least 24 hours immediately before the tests in an atmosphere 23 ± 2 °C and 50 ± 5 % r.h.

Comments on Test Results –

The test specimen meets the requirements of BS EN 1021-1 & 2: 2014 The result for both tests has been stated as non-ignition.

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Customer: **PIERRE FREY SAS** Test Report No: **140997**

Test Results

Test Results –

Ignition source Smouldering Cigarette

Criteria of ignition	Cigarette 1	Cigarette 2
Progressive smouldering ignition Clause 3.1a – test assembly displays escalating combustion behaviour so that it is unsafe to continue.	No	No
Clause 3.1b – test assembly that smoulders until it is largely consumed	No	No
Clause 3.1c – test assembly that smoulders to the extremities within the test duration	No	No
Clause 3.1d – test assembly that smoulders after one hour from application of the ignition source	No	No
Clause 3.1e – test assembly on final examination shows evidence of progressive smouldering	No	No
Flaming Ignition Occurrence of flames initiated by a smouldering source	No	No
Ignition occurring	Non Ignition	Non Ignition

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Customer: **PIERRE FREY SAS** Test Report No: **140997**

Test Results

Ignition source Match Flame

Criteria of ignition	Match Flame 1	Match Flame 2
<i>Progressive smouldering ignition</i> Clause 3.1a – test assembly displays escalating combustion behaviour so that it is unsafe to continue.	No	No
Clause 3.1b – test assembly that smoulders until it is largely consumed	No	No
Clause 3.1c – test assembly that smoulders to the extremities within the test duration	No	No
Clause 3.1d – test assembly that smoulders after one hour from application of the ignition source	No	No
Clause 3.1e – test assembly on final examination shows evidence of progressive smouldering	No	No
<i>Flaming Ignition</i> Clause 3.2a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue	No	No
Clause 3.2b – Test assembly burns until it is essentially consumed	No	No
Clause 3.2c – Flame reaches the lower margin, either side or passed through the full thickness	No	No
Clause 3.2d – Flaming continues for more than 120 seconds after removal of burner tube	No	No
Ignition occurring	Non Ignition	Non Ignition

The test specimen was tested over Combustion modified foam (CMHR) with a density of 35kg/m³.

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

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Customer: PIERRE FREY SAS **Test Report No:** 140997

Test Results

**BS 5867-2: 2008 Fabrics for curtains, drapes and window blinds
Part 2: Flammability requirements - specification
Type B**

Test Request

The test specimen supplied for testing is a woven fabric and has been tested to BS 5867- 2: 2008 type B as requested.

Cleansing Procedure

All fabrics shall be tested before and after the appropriate cleansing or wetting procedure.
Washable Fabric – The test specimen was subject to 12 wash cycles in accordance with BS EN 10528.

Conditioning

The test specimen was conditioned in a standard atmosphere having a temperature of $20 \pm 2^\circ\text{C}$ and a relative humidity of $65 \pm 5\%$ for at least 24 hours.

Specimen Identification

Reputed Fibre Composition – 100% Polyester

Comments on Test Results

The sample supplied meets the requirements of BS 5867-2: 2008 Type B in the as received and cleansed state.

Gas Used

Butane

Deviations from test method

None

Flame Application Time

Type B – 15 Seconds

Results

Results may not apply to situations where there is restricted air supply or exposure to large sources of intense heat.

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Test Results

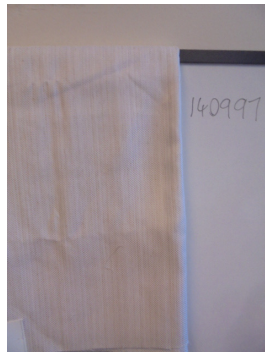
As Received

Criteria	Length			Width		
	1	2	3	1	2	3
Hole reaching top edge	No	No	No	No	No	No
Hole reaching side edge	No	No	No	No	No	No
Flaming reaching top edge	No	No	No	No	No	No
Flaming reaching side edge	No	No	No	No	No	No
Flaming Debris	No	No	No	No	No	No
Result	Pass	Pass	Pass	Pass	Pass	Pass

After Cleansing Procedure

Criteria	Length			Width		
	1	2	3	1	2	3
Hole reaching top edge	No	No	No	No	No	No
Hole reaching side edge	No	No	No	No	No	No
Flaming reaching top edge	No	No	No	No	No	No
Flaming reaching side edge	No	No	No	No	No	No
Flaming Debris	No	No	No	No	No	No
Result	Pass	Pass	Pass	Pass	Pass	Pass

End of Report



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