

TEST REPORT NO: 148210

Date: 1 November 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	ARSENE F3371
Retailer style number	CREAM
Retailer Standard Number	Not Known
Order No./ Buyer	2028361
Quality/Fibre Composition	42% VISCOSE, 34% LIN, 20% ACRYLIC, 2% POLYAMIDE, 2% POLYESTER
Date Sample(s) Received:	23 October 2018

Tests	Pass	Fail	Remarks
Schedule 4 Parts I Cigarette Test	X		
Schedule 5 Part I Match Test	X		
BS5852 Crib 5 (larger cribs)		X	

Signature



For and on behalf of
SGS United Kingdom 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: **148210**

Test Results

BS 5852: 2006

Clause 11 using Ignition Source 5

Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources

Description of Test Sample: Cream

Test Request

The sample supplied has been tested against the test method BS 5852: 2006 Clause 11 using ignition source 5.

Pre - Treatment

The customer has stated that the supplied test specimen has not been chemically treated so therefore no water soaking procedure has been performed.

Conditioning

The materials and cribs were conditioned for at least 72 hours in an indoor ambient temperature and then immediately before the test 24 hours in an atmosphere of $23 \pm 2^\circ\text{C}$ and $50 \pm 5\%$ r.h.

Comments on Test Results

The sample supplied does not meet the requirements of BS 5852: 2006 Clause 11, using ignition source 5 due to failure against the clauses stated in the results table.

Test Results

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

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Customer: **PIERRE FREY SAS** Test Report No: **148210**

Test Results

	Criteria of Ignition	Test 1 Criteria Observed
Progressive smouldering ignition	Clause 4.1.1 a	N/A
	Clause 4.1.1 c	N/A
	Clause 4.1.1 e	N/A
	Clause 4.1.1 f	N/A
Flaming Ignition	Clause 4.2.1 a	Yes
	Clause 4.2.1 b	Yes
	Clause 4.2.1 c	Yes
	Clause 4.2.1 e	Yes
	Clause 4.2.1 g	Yes
Ignition occurring		Ignition (Flaming)

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

Criteria of Ignition
Smouldering Ignition

- Clause 4.1.1 (a) Test specimen displays escalating smouldering combustion behaviour so that it is unsafe to continue and requires forcible extinction.
- Clause 4.1.1 (c) Test specimen smoulders until it is essentially consumed or smoulders to the extremities.
- Clause 4.1.1 (e) Test specimen produces externally detectable amounts of smoke, heat or glowing 60 min after ignition of the crib.
- Clause 4.1.1 (f) Test specimen shows evidence of charring within the filling more than 100 mm in any direction apart from upwards.

Flaming Ignition

- Clause 4.2.1 (a) Test specimen displays escalating flaming combustion behaviour and requires forcible extinction.
- Clause 4.2.1 (b) Test specimen that burns until it is essentially consumed within the test duration.
- Clause 4.2.1 (c) Test specimen on which any flame front reaches the extremities of the test specimen other than the top of the vertical part, or passes through the full thickness of the specimen within the test duration.
- Clause 4.2.1 (e) Test specimen continues to flame for more than 10 minutes.
- Clause 4.2.1 (g) Test specimen from which flaming debris causes an isolated floor fire that continues to flame for longer than 10 minutes.

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Customer:

PIERRE FREY SAS

Test Report No:

148210

Test Results

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 Schedule 4 Part 1 and Schedule 5 Part 1 *Testing in accordance with BS 5852: Part 1*

Description of test sample: Cream

Test Requested

The sample supplied has been tested to the Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I No 1324 as amended, Schedule 4 Part 1 and Schedule 5 Part 1, using BS 5852: Part 1: 1979.

Pre – Treatment

The customer has stated that the supplied test specimen has not been chemically treated so therefore no water soaking procedure has been performed.

Conditioning

The sample was conditioned in an indoor ambient condition for at least 72 hours, then for at least 16 hours in an atmosphere having a temperature of 20 ± 5 °C and a relative humidity of $50 \pm 20\%$.

Comments on Test Results

The sample supplied meets the requirements of Schedule 4 Part 1 and Schedule 5 Part 1 of The Furniture and Furnishings (Fire) (Safety) regulations 1988 S.I No 1324.

Test 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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Test Results

The Cigarette Test

Criteria of Ignition	Test 1 Criteria Observed	Test 2 Criteria Observed
Smouldering time of the Cigarette	22mins 27secs	22mins 49secs
Clause 9.2.3 – Evidence of Progressive Smouldering / Flaming or Afterglow	No	No
Cover Splitting	No	No
Clause 9.4 Any internal Progressive Smouldering during the Final Examination	No	No
Test Result	Pass	Pass

The Match Test

Criteria of Ignition	Test 1 Criteria Observed	Test 2 Criteria Observed
Clause 9.3.4 – Evidence of Flaming / Progressive Smouldering / Afterglow or Smoking	No	No
Cover Splitting	No	No
Clause 9.4 Any internal Progressive Smouldering during the Final Examination	No	No
Test Result	Pass	Pass

The face of the fabric was tested.

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

End of Report

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