

TEST REPORT NO:112149A (Replaces 112149)
(Ref 112430)

Date:02 March 2016

**PIERRE FREY (UK) LTD
107 DESIGN CENTRE EAST
CHELSEA HARBOUR
LONDON
SW10 OXF**

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

Retailer	Not Specified
Description of article	Viggo Daim
Retailer style number	F3090
Retailer Standard Number	Unknown
Order No./ Buyer	PF16-036
Quality/Fibre Composition	88%Cotton 12%Silk
Date Sample(s) Received:	23 February 2016

Test

Schedule 4 Parts I Cigarette Test (NFRP Foam)	Fail
Schedule 5 Part I Match test Water Soak (NFRP Foam)	Pass
Schedule 4 Parts I Cigarette Test (CMHR Foam)	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 (UK) Ltd **Test Report No:** 112149A (Replaces 112149)

Smouldering Cigarette and Match Ignition: BS 5852: Part 1 1979

Test Request

The sample supplied is a velvet pile 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: 88% Cotton 12% Silk

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 a indoor ambient conditions 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 does not meet the flammability performance requirements of The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No 1324 as amended, Schedule 4 Part1 smouldering cigarette due to progressive smouldering with in 1 hour.

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 5 part 1 Match ignition, when tested as stated in the results.

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Customer: Pierre Frey (UK) Ltd **Test Report No:** 112149A (Replaces 112149)

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	26mins 19secs	27mins 42secs
Smouldering	PS	PS
Flaming	N	N
Smoking	Y	Y
After Glow	N	N
Cover Splitting	Y	Y
Final Examination	F	F

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	Y	99secs	Y	104secs
Smoking	Y	1 mins 58secs	Y	2mins 19secs
Afterglow	N	-	Y	2mins 8secs
Cover split	N	N/A	N	N/A
Final Examination	P		P	

Smouldering Cigarette test and the match test was 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 (UK) Ltd **Test Report No:** 112149A (Replaces 112149)

Smouldering Cigarette Ignition: BS 5852: Part 1 1979

Test Request

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Conditioning

The sample was conditioned in a indoor ambient conditions 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 Part 1 smouldering cigarette when tested as stated in the results.

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 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.

<i>Cigarette Ignition</i>		
Specimen Number	1	2
Smouldering time of the Cigarette	26mins 38secs	27mins 14secs
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
After Glow	N	N
Cover Splitting	N	N
Final Examination	P	P

Smouldering Cigarette test was 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
 All times recorded in seconds

End of Report

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