



TEST REPORT NO:064403

Date:09 January 2012

**FIDIVI TESSITURA VERGNANO S.P.A
REGIONE MASIO 19 BIS
10046 POIRINP (TORINO)
ITALY**

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

Retailer	Not Specified
Description of article	Flamenco
Retailer style number	Unknown
Retailer Standard Number	Unknown
Order No./ Buyer	A AVENATI
Fabric / Yarn Quality	100%Wool
Date Sample(s) Received:	21 December 2011

Test

BS7176 Medium Hazard

Remarks

The sample tested meets the required standard for those tests carried out.

From the full range of tests incorporated in this specification, we have carried out those requested by the customer.

Signature

For and on behalf of
SGS Leicester Ltd.

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Customer: FIDIVI TESSITURA **Test Report No:** 064403

Test Request

The sample supplied is a woven fabric and has been tested to BS 7176:2007 using EN 1021-1-2:2006 Smouldering Cigarette and Match and BS 5852:2006 Ignition Source 5 (Medium hazard)

Fibre Identification

Reputed Fibre Composition: 100% Wool

Pre Treatment:

The sample for Cigarette and Match was cleansed using a water-soak procedure at $40\pm 1^{\circ}\text{C}$ as described in BS EN 1021-1-2:2006 Annex D and then line dried.

The sample for Ignition source 5 was cleansed using a water-soak procedure at $40\pm 1^{\circ}\text{C}$ as described in BS 5852:2006, Annex E and then line dried.

Conditioning:

The sample for Cigarette and Match was conditioned at ambient conditions, followed by conditioning in a standard atmosphere having a temperature of $23\pm 2^{\circ}\text{C}$ and a relative humidity of $50\pm 5\%$ r.h for a minimum of 24 hours.

The sample for Ignition Source 5 was conditioned at ambient conditions for 72 hours and then in a standard atmosphere having a temperature of $23\pm 2^{\circ}\text{C}$ and a relative humidity of $50\pm 5\%$ r.h for a minimum of 24 hours.

Comments on the Results

The fabric sample supplied meets the requirements of BS EN 1021-1-2:2006 Smouldering Cigarette and Match test, BS 5852:2006 Ignition Source 5 and can be classified as 'Medium Hazard'.

Results

'The following test results relate only to the ignitability of the combination of materials under the particular conditions of the 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: FIDIVI TESSITURA Test Report No: 064403

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	22mins 24 secs	19mins 59 secs
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
Afterglow	N	N
Cover Split	Y	Y
Final Examination	PASS	PASS

Match Test:

Pass Criteria: ~ Disregard flaming or progressive smouldering which ceases within 120seconds of the removal of the burner tube.

Match Test						
Specimen Number	1	Time	2	Time	3	Time
Smouldering	N	-	N	-	N	-
Flaming	N	-	N	-	N	-
Smoking	Y	14secs	Y	12secs	Y	17secs
Afterglow	N	-	N	-	N	-
Cover split	N	-	N	-	N	-
Final Examination	PASS		PASS		PASS	

Ignition Source 5

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

No smouldering is to be present in the final examination

Specimen Number	1	Time	2	Time
Smoking	Y	10mins 49secs	Y	9mins 24secs
Smouldering	N	-	N	-
Flaming	Y	8mins 57secs	Y	6mins 40secs
Afterglow	N	-	N	-
Damage exceeds limits of clauses 4.1(e) 4.1(f) or 4.2(f)	N	-	N	-
Final Examination	PASS		PASS	

Key:

Y=Yes N=No P=Pass F=Fails N/A= Not Applicable.

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

End of report

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