



TEST REPORT NO:131347

Date:13 July 2017

**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	FABRIC FOR UPHOLSTERY
Retailer style number	RIVA
Retailer Standard Number	UNKNOWN
Order No./ Buyer	A.AVENATI
Quality/Fibre Composition	100% TREVIRA CS
Date Sample(s) Received:	23 June 2017

**Test**

BS7176 Medium Hazard

**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:** FIDIVI Tessitura Vergnano S.p.A **Test Report No:** 131347

**BS 7176:2007 + A1:2011**

**Test Request**

The sample supplied is a woven fabric and has been tested to BS 7176:2007 + A1:2011 using BS EN 1021-1-2:2006 Smouldering Cigarette and Match and BS 5852:2006 Ignition Source 5 (Medium hazard)

**Fibre Identification**

Reputed Fibre Composition 100% Trevira CS

**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 5852:2006, Annex E 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.'*

**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.*

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Cigarette Ignition		
Specimen Number	1	2
Smouldering Time of the Cigarette	19 min 24 sec	19 min 58 sec
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
Afterglow	N	N
Cover Split	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.*

Match Test						
Specimen Number	1	Time	2	Time	3	Time
Smouldering	N	-	N	-	N	-
Flaming	N	-	N	-	N	-
Smoking	Y	7 sec	Y	7 sec	Y	6 sec
Afterglow	N	-	N	-	N	-
Cover split	Y	-	Y	-	Y	-
Final Examination	P	-	P	-	P	-

**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	5 min 22 sec	Y	6 min 20 sec
Smouldering	N	-	N	-
Flaming	Y	3 min 30 sec	Y	4 min 12 sec
Afterglow	N	-	N	-
Damage exceeds limits of clauses 4.1(e) 4.1(f) or 4.2(f)	N	-	N	-
Final Examination	P	-	P	-

Please note that the fabric sample was tested over combustion-modified foam with a density of 35kg per M<sup>3</sup>.

Key:

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

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**BS 7176:2007 + A1:2011 Clause 6: Labelling and Identification**

Each unit of upholstered furniture shall carry a permanently attached and clearly readable label. The size of the graphic part of the label shall not be less than 50mm x 50mm. The base colour of the label shall be white with a green border. The word "RESISTANT" shall be white and of a minimum height 5mm. The smouldering cigarette flaming match, flame and ignition source number(s) shall be black.

The following wording shall appear on the label:

"Conforms to BS 7176:2007 for medium hazard (not recommended for use in higher hazard areas)"

The height of the wording shall be easily legible and of minimum height 2mm.

\*End of Report\*



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