

TEST REPORT NO:070969

Date:10 August 2012

**PUGI RG SRL  
VIA GARIBALDI 33/B  
51037 MONTALE PISTOIA  
ITALY**

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

Retailer	Not Specified
Description of article	Lilac Wool Fabric
Retailer style number	Unknown
Retailer Standard Number	BS7176 Med Hazard
Order No./ Buyer	FENICE
Fabric / Yarn Quality	80% Wool/20% Nylon
Date Sample(s) Received:	03 August 2012

**Test**

BS7176 Medium Hazard

**Remarks**

Tests as requested by the customer

Signature

For and on behalf of  
SGS Leicester Ltd.

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**Customer:** Pugli RG Srl **Test Report No:** 070969

### 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 80% Wool 20% Nylon

### 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, and can be classified as 'Low 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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**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.*

Specimen Number	Cigarette Ignition	
	1	2
Smouldering Time of the Cigarette	19 mins 42 secs	20 mins 49 secs
Smouldering	NPS	NPS
Flaming	N	N
Smoking	N	N
Afterglow	N	N
Cover Split	Y	Y
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
Smouldering	N	-	N	-
Flaming	Y	4 secs	N	-
Smoking	Y	17 secs	Y	8 secs
Afterglow	N	-	N	-
Cover split	Y	-	Y	-
Final Examination	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
Smoking	Y	>10 mins
Smouldering	N/A	-
Flaming	Y	>10 mins
Afterglow	N/A	-
Damage exceeds limits of clauses 4.1(e) 4.1(f) or 4.2(f)	Y	-
Final Examination	F	

Please note the sample was extinguished due to the flaming being greater than 10 minutes after the ignition of the crib.

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

**\*End of Report\***

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