

TEST REPORT NO:045536

Date:08 July 2009

**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	Red Woven Fabric
Retailer style number	Unknown
Retailer Standard Number	Unknown
Order No./ Buyer	MANTO
Fabric / Yarn Quality	100% PL FR
Date Sample(s) Received:	03 July 2009

### Result Summary/Conclusion

#### Test

BS EN 1021-1  
(Cigarette) Incl water soak  
BS EN 1021-2  
(match) Incl water soak

### Remarks

Tests as requested by the customer

Signature

**J. Braker Consultant**

For and on behalf of  
SGS Leicester Ltd.

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<b>Customer:</b>	Pugi RG Srl
<b>Test Report No:</b>	045536

### Test Request

The sample supplied is a woven fabric and has been tested to EN 1021-1-2:2006, Smouldering Cigarette and Match Ignition.

### Fibre Identification:

Reputed Fibre Composition. 100% PL FR

### Pre-Treatment:

The sample was cleansed using a water-soak procedure at  $40^{\circ}\text{C} \pm 1^{\circ}\text{C}$  as described in Annex D and lined dried.

### Conditioning:

The sample was conditioned at ambient indoor conditions for a minimum of 72 hours followed by conditioning in a standard atmosphere having a temperature of  $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$  and a relative humidity of 50% r.h.  $\pm 5\%$  for a minimum of 16 hours.

### Comments on Test Results:

The fabric sample supplied meets the requirements of EN 1021-1-2:2006 Smouldering Cigarette and Match test.

### 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 if 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.

	Cigarette Ignition	
	1	2
Specimen Number	1	2
Smouldering time of the Cigarette	19mins 41secs	18mins 17secs
Smouldering	N	N
Flaming	N	N
Smoking	N	N
After Glow	N	N
Cover Splitting	Y	Y
Final Examination	P	P

<b>Customer:</b>	Pugi RG Srl
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**Extent of Damage: ~**

Cigarette 1						
Fabric	Seat Length	19	Seat Width	69		
	Back length	17	Back Width	69		
Foam	Seat Width	67	Seat Depth	10		
	Back length	17	Back Width	66	Back Depth	9

Cigarette 2						
Fabric	Seat Length	20	Seat Width	68		
	Back length	19	Back Width	67		
Foam	Seat Width	67	Seat Depth	9		
	Back length	18	Back Width	67	Back Depth	7

**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	3	Time
Smouldering	N	-	N	-	N	-
Flaming	N	-	N	-	N	-
Smoking	Y	9secs	Y	5secs	Y	8secs
Afterglow	N	-	N	-	N	-
Cover split	Y	-	Y	-	Y	-
Final Examination	P		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 to results: ~**

Y= Yes      N=No      N/A= Not Applicable  
 P=Pass F=Fail      DNS= Did not smoulder  
 Note. All dimensions quoted are in mm.

**\*End of Report\***