

TEST REPORT NO:127582

Date:10 April 2017

**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	Net
Retailer style number	Grey Knit
Retailer Standard Number	Unknown
Order No./ Buyer	VOLLEY FR
Quality/Fibre Composition	100% PL FR
Date Sample(s) Received:	27 March 2017

Test

BS EN 1021-1 Ignition Source 0 (Cigarette) Incl water soak
BS EN 1021-2 Ignition Source 1 (match) Incl water soak
BS5852 Ignition Source 5 (cribs)

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: Pugi RG Srl **Test Report No:** 127582

EN 1021-1-2:2014

Test Request

The sample supplied is a net and has been tested to EN 1021-1-2:2014, Smouldering Cigarette and Match Ignition, 0+1.

Fibre Identification

Reputed Fibre Composition: 100% PL FR

Pre-Treatment

The sample was cleansed using a water-soak procedure at 40°C ± 1°C as described in Annex D and line dried.

Conditioning

The sample has been tested after a period of 24 hours of conditioning in a relative humidity of (50±5) % and a temperature of (23±2) °C.

Comments on Test Results

The fabric sample supplied meets the requirements of EN 1021-1-2:2014 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			
Specimen Number	1	2	3
Smouldering time of the Cigarette	23 min 28 sec	23 min 41 sec	24 min 26 sec
Smouldering	NPS	NPS	NPS
Flaming	N	N	N
Smoking	N	N	N
After Glow	N	N	N
Cover Splitting	Y	Y	Y
Final Examination	P	P	P

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Customer: Pugi RG Srl **Test Report No:** 127582

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	11 sec	Y	11 sec	Y	13 sec
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 (CMHR) with a density of 35kg per M³.

Key

Y= Yes N=No N/A= Not Applicable
P=Pass F=Fail DNS= Did Not Smoulder
NPS = Non progressive smouldering
PS = Progressive smouldering within 1 hour

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Customer: Pugi RG Srl **Test Report No:** 127582

BS 5852:2006: Clause 11: Ignition Source 5

Test Request

The sample supplied is a net and has been tested to BS 5852:2006 Clause 11 using Ignition Source 5.

Fibre Identification

Reputed Fibre Composition 100% PL FR

Pre-Treatment

The sample supplied was water soaked and dried in accordance to BS 5852:2006 Annex E

Conditioning

Before testing the sample was conditioned in an indoor ambient condition for 72 hours and in a standard atmosphere having a temperature of 23°C ± 2°C and a relative humidity of 50% r.h ± 5% for a minimum of 16hours.

Comments on Test Results

The sample supplied meets the requirements of BS 5852:2006 Clause 11, I/5.

Results

“The following test results relate only to the ignitability of combination of upholstery composites (BS 5852:2006 Clause 11) under the particular conditions of the test stated; they are not intended as a means of assessing the full potential fire hazard of the materials or products in use.”

Ignition Source 5

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

No smouldering is to be present in the final examination.

Specimen Number	1	Time	2	Time
Smoking	Y	6 min 41 sec	Y	7 min 24 sec
Smouldering	N	-	N	-
Flaming	Y	4 min 56 sec	Y	5 min 31 sec
Afterglow	N	-	N	-
Flame front reaches extremities within the test duration (other than the top of vertical part)	N	N/A	N	N/A
Cover Split	Y	N/A	Y	N/A
Final examination (ignition or Non-Ignition)	Non ignition		Non ignition	

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

Key: Y = Yes N = No N/A = Not Applicable

End of Report

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