

TEST REPORT NO: 187794

Date: 16 May 2023

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

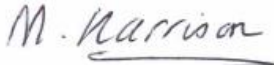
The following sample(s) was/were submitted and identified by/on behalf of the client as:

Retailer	Not Specified
Description of article	TIGER FABRIC
Retailer style number	GREY
Retailer Standard Number	UNKNOWN
Order No./ Buyer	LORENZO PUGI
Quality/Fibre Composition	32WO 26WV 27PA 15SILK
Date Sample Received/Test Started:	10 May 2023

Tests	Pass	Fail	Remarks
BS EN 1021-1 Ignition Source 0	X		
BS EN 1021-2 Ignition Source 1	X		

(please note our uncertainty of measurement has been taken into account when the above results were pass/failed)
(Any statement of conformity made in this report unless otherwise stated in the test specification(s) is in line with SGS United Kingdom (Leicester) Decision rule LEI-GEN-PROC-012).

Signature



M. Harrison Laboratory Manager

For and on behalf of
SGS United Kingdom Ltd

All samples are conditioned to ISO 139 where conditioning is required (unless otherwise stated)

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Customer: PUGI RG SRL

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Test Results

BS EN 1021-1 & 2:2014
Assessment of the ignitability of upholstered furniture
Part 1 – Ignition source smouldering cigarette / Part 2 – Ignition source match flame

Description of Test Sample: Tiger fabric

Test Requested

The test specimen has been tested to BS EN 1021 – 1 & 2: 2014 Smouldering cigarette and match flame.

Pre – Treatment

The test specimen was subject to a water soak as outlined in Annex D with a temperature of 40 ± 1 °C.

Conditioning

All materials to be tested and the cigarettes have been conditioned for at least 24 hours immediately before the tests in an atmosphere 23 ± 2 °C and $50 \pm 5\%$ r.h.

Comments on Test Results

The test specimen meets the requirements of BS EN 1021-1 & 2: 2014 where the result for both tests has been stated as non-ignition.

Uncertainty of measurement:

Source 0	
Progressive Smouldering	+0 secs / -60 secs
Source 1	
Smouldering	+0 secs / -60 secs
Flaming	+0 secs / -2 secs

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Test Results

'The test results relate only to the ignitability of the combination of materials under particular conditions of test; they are not intended as a means of assessing the full fire hazard of the materials in use.'

Ignition source Smouldering Cigarette

	Criteria of ignition	Cigarette 1 Criteria Observed	Cigarette 2 Criteria Observed
Progressive smouldering ignition	Clause 3.1a	No	No
	Clause 3.1b	No	No
	Clause 3.1c	No	No
	Clause 3.1d	No	No
	Clause 3.1e	No	No
Flaming ignition	Occurrence of flames	No	No
	Ignition occurring	Non – Ignition	Non – Ignition

Ignition source Match Flame

	Criteria of Ignition	Match Flame 1 Criteria Observed	Match Flame 2 Criteria Observed
Progressive smouldering ignition	Clause 3.1a	No	No
	Clause 3.1b	No	No
	Clause 3.1c	No	No
	Clause 3.1d	No	No
	Clause 3.1e	No	No
Flaming ignition	Clause 3.2a	No	No
	Clause 3.2b	No	No
	Clause 3.2c	No	No
	Clause 3.2d	No	No
	Ignition occurring	Non – Ignition	Non – Ignition

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The test specimen was tested over non FR 20-22kg/m³ polyurethane foam as requested by the customer.

Smouldering criteria of Ignition

Clause 3.1a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue

Clause 3.1b – Test assembly that smoulders until it is largely consumed

Clause 3.1c – Test assembly that smoulders to the extremities within the test duration

Clause 3.1d – Test assembly that smoulders after one hour from application of the ignition source

Clause 3.1e – Test assembly on final examination shows evidence of progressive smouldering

Flaming Ignition

Clause 3.2a – Test assembly displays escalating combustion behaviour so that it is unsafe to continue

Clause 3.2b – Test assembly burns until it is essentially consumed

Clause 3.2c – Flame reaches the lower margin, either side or passed through the full thickness

Clause 3.2d – Flaming continues for more than 120 seconds after removal of burner tube



End of Report

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