

TEST REPORT

266467 / 1

Date received: 18/02/19
Date of test: 04/03/19
Date of issue: 05/03/19
Sample name: Harmony

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Small flame applied on upholstered furniture UNI 9175:2010

Description of materials as declared by the client

Cover material: fabric art. "Harmony", composition 85 % New Zealand wool - 15 % polyamide, mass per unit area 470 g/in.m., height 140 cm. The exposed surface of the cover was tested.

Filling material (supplied by Laboratory as requested by the client and previously conditioned): class 1.IM polyurethane foam, density 25 kg/m3.

End use: upholstered furniture.

Deviations from the standard as requested by the client

None.

Preliminaries

Sampling procedure and cutting direction of the cover material specimens: performed by the client.

Preparation of cover material: UNI 9176:2010 method D.

Conditioning

Cover material: drying procedure for a minimum of 24 hours in a oven with forced air circulation at 40 ± 5 °C following a minimum of 48 hours at 23 ± 2 °C and 50 ± 5 % relative humidity.

Filling material: 72 hours at 80 ± 5 °C and 80 ± 5 % relative humidity following a minimum of 48 hours at 23 ± 2 °C and 50 ± 5 % relative humidity.

Test results

Materials tested	Tests	Test results according to ignition source times									
		20 s	tpc (s)	tpi (s)	80 s	tpc (s)	tpi (s)	140 s	tpc (s)	tpi (s)	
Filling material	1st	Pass	0	0							
	2nd	Pass	0	0							
Cover material	1st	Pass	2	0	Pass	0	0	Pass	0	0	
	Filling material	2nd	Pass	2	0	Pass	2	0	Pass	0	0
	3th	=			=			=			

Notes: /

tpc: post-combustion time.

tpi: post-incandescence time.

The cover material of the composite of the 1st sample has been obtained with the long side parallel to the longitudinal direction.

The cover material of the composite of the 2nd sample has been obtained with the long side parallel to the transversal direction.

Based on test results, the sample examined complies with class 1.IM (ONE I M).

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Managing Director
Dr. Andrea Giavon

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