

TEST REPORT

381483 / 1

Revision: 0
Date of sample receipt: 07/11/24
Date of test: 27/11/24
Date of issue: 27/11/24
Sample name: Art.Grain FR

GABRIEL A/S
HJULMAGERVEJ, 55
9100 AALBORG
DK - DENMARK

Small flame applied on upholstered furniture UNI 9175:2010

Description of materials as declared by the client

Cover material: Art.Grain FR produced by Gabriel A/S Company.

The exposed surface of the cover was tested.

Filling material (supplied by Laboratory as requested by the client): class 1.IM polyurethane foam, density 26,5 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 Filling material	1st	Pass	0	0	Pass	2	0	Pass	5	0
	2nd	Pass	0	0	Pass	2	0	Pass	1	0
	3rd	=			=			=		

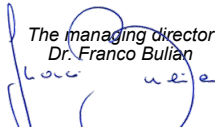
The cover material of the composite of the 1st sample has been obtained with the long side parallel to the longitudinal direction.

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).

This test report is not issued according to articles 8 and 10 of D.M. 26-06-1984 amended by D.M. 03-09-2001.

This test report is part of a PDF file digitally signed by Franco Bulian.

The managing director
Dr. Franco Bulian


The sample name and, when relevant, its description, are given by the orderer, and CATAS does not assume responsibility on this matter. This test report relates to the sample submitted for the test and no others. Additions, deletions or alterations are not permitted. This test report must always be reproduced in its entirety. Unless otherwise required by standards and technical specifications or agreed with the customer, any declarations of conformity made by CATAS are based on the comparison between results and reference values, where the confidence intervals of the measures are not taken into account. Unless otherwise stated, sampling is made by the customer; in this case the test results are referred to the sample as received.