

# TEST REPORT

## 395601 / 1

Revision: 0  
Date of sample receipt: 08/07/25  
Date of test: 23/07/25  
Date of issue: 23/07/25  
Sample name: Art.Grain

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## Small flame applied on upholstered furniture UNI 9175:2010

### Description of materials as declared by the client

Cover material: Art.Grain produced by Gabriel A/S Company, composition 92 % POST C REC POL - 8 % PES.

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  $40 \pm 5$  °C following a minimum of 48 hours at  $23 \pm 2$  °C and  $50 \pm 5$  % relative humidity.

Filling material: 72 hours at  $80 \pm 5$  °C and  $80 \pm 5$  % relative humidity following a minimum of 48 hours at  $23 \pm 2$  °C and  $50 \pm 5$  % 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                                            | 5       | 0       | Pass | 46      | 0       | Pass  | 54      | 0       |
| Filling material | 2nd   | Pass                                            | 1       | 0       | Pass | 0       | 0       | Pass  | 0       | 0       |
|                  | 3rd   | =                                               |         |         | =    |         |         | =     |         |         |

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

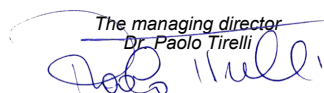
The cover material of the composite of the 2nd sample has been obtained with the long side parallel to the transversal direction.

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 Paolo Tirelli.

The managing director  
Dr. Paolo Tirelli



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