

TEST REPORT

287492 / 1

Revision: 0
Date received: 28/02/20
Date of test: 04/03/20
Date of issue: 05/03/20

ALFATEX ITALIA S.R.L.
VIA LIGURIA, ZONA PIP
70029 SANTERAMO IN COLLE (BA)
ITALIA

Sample name: VELLUTINO ACCOPPIATO IGNIFUGO MM 2 + TNT

Assessment of the ignitability of upholstered furniture EN 1021:2014

The tests have been carried out in accordance with EN 1021-1:2014 "Ignition source: Smouldering cigarette" and EN 1021-2:2014 "Ignition source: Match flame equivalent" standards.

Description of tested materials as declared by the client

Cover: none.


Filling materials:

Art. "VELLUTINO IGNIFUGO ACCOPPIATO MM 2 + TNT" produced by ALFATEX ITALIA S.r.l. Company, thickness 2 mm, overlying to Flame Retardant polyurethane foam (Crib 5), density 25 kg/m³ (supplied by Laboratory as requested by the client).

Conditioning

At least 96 hours at 23 ± 2 °C temperature and 50 ± 5 % relative humidity.

This document is validated by digital signature and time stamping in accordance with the Italian laws and the European Directives which regulate the electronic signature systems.


Managing Director
Dr. Andrea Giavon

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.

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ITALIA

Sample name: VELLUTINO ACCOPPIATO IGNIFUGO MM 2 + TNT

Smouldering cigarette test EN 1021-1:2014

Test results

Non-ignition

Criteria of ignition

Smouldering criteria

Criteria of ignition		Smouldering Cigarette			Comments
		1	2	3*	
Unsafe escalating combustion	[3.1 a)]	No	No	-	-
Test assembly consumed	[3.1 b)]	No	No	-	-
Smoulders to extremities	[3.1 c)]	No	No	-	-
Smoulders through thickness	[3.1 c)]	No	No	-	-
Smoulders more than 1 h	[3.1 d)]	No	No	-	-
In final examination, presence of active smouldering	[3.1 e)]	No	No	-	-

Flaming criteria

Occurrence of flames	[3.2]	No	No	-	-
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Yes: does not meet requirement

No: meet requirement

* Record the results for cigarette 3 if applied.

The uncertainty of measurement of time extended to a confidence level of 95% (coverage factor $k = 2$), is ± 0.2 seconds.

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

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ITALIA

Sample name: VELLUTINO ACCOPPIATO IGNIFUGO MM 2 + TNT

Match flame equivalent test EN 1021-2:2014

Test results

Non-ignition

Criteria of ignition		Match flame equivalent			Comments
		1	2	3	
<u>Smouldering criteria</u>					
Unsafe escalating combustion	[3.1 a)]	No	No	No	-
Test assembly consumed	[3.1 b)]	No	No	No	-
Smoulders to extremities	[3.1 c)]	No	No	No	-
Smoulders through thickness	[3.1 c)]	No	No	No	-
Smoulders more than 1 h	[3.1 d)]	No	No	No	-
In final examination, presence of active smouldering	[3.1 e)]	No	No	No	-
<u>Flaming criteria</u>					
Unsafe escalating combustion	[3.2 a)]	No	No	No	-
Test assembly consumed	[3.2 b)]	No	No	No	-
Flames to extremities	[3.2 c)]	No	No	No	-
Flames through thickness	[3.2 c)]	No	No	No	-
Flames longer than 120 s	[3.2 d)]	No (0 s)	No (0 s)	No (0 s)	-

Yes: does not meet requirement

No: meet requirement

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