

TEST REPORT

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Revision: 0
Date received: 24/07/20
Date of test: 31/07/20
Date of issue: 31/07/20
Sample name: LEOTECH

CONCERIA LEONICA S.P.A.
VIA RIO CAMPAROLO, 4/B
36045 LONIGO (VI)
ITALIA

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

Art. LEOTECH, composition bullhide leather with pigmented finish, thickness 1,2 ÷ 1,4 mm.

The exposed surface of the cover was tested, the cover has not been treated with a fire-retardant chemical.

Filling material (supplied by Laboratory as requested by the client)

Flame Retardant polyurethane foam (Crib 5), density 25 kg/m³.

Pre-treatment

The cover has not been subjected to the water soaking and drying procedure (Annex D).

Conditioning

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

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*Managing Director
Dr. Andrea Giavon*

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Smouldering cigarette test EN 1021-1:2014

Test results

Non-ignition

| Criteria of ignition | | Smouldering Cigarette | | | Comments |
|--|----------|-----------------------|----|----|----------|
| | | 1 | 2 | 3* | |
| <u>Smouldering criteria</u> | | | | | |
| 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 | - | - |
| <u>Flaming criteria</u> | | | | | |
| Occurrence of flames | [3.2] | No | No | - | - |

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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Managing Director
Dr. Andrea Glavon

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36045 LONIGO (VI)
ITALIA

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) | - |

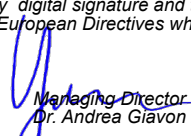
Yes: does not meet requirement

No: meet requirement

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

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