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NEDERLAND



Your notice of  
02-03-2017

Your reference

Date  
20-03-2017

## Analysis Report 17.01319.07

Required tests :

EN 1021-1 (2014)

**Furniture - Assessment of the ignitability of upholstered furniture - Ignition source : smouldering cigarette**

EN 1021-2 (2014)

**Furniture - Assessment of the ignitability of upholstered furniture – Ignition source : match flame equivalent**

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T1704898              | 701901 vinyl upholstery         | 02-03-2017      |

Gina Créelle

Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.  
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

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**Reference: T1704898 - 701901 vinyl upholstery**

**Furniture - Assessment of the ignitability of upholstered furniture - Ignition source : smouldering cigarette**

Date of ending the test 13-03-2017  
Standard used EN 1021-1 (2014)

Deviation from the standard -

Conditioning 23°C, relative humidity 50%

The following 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.

Water soaking of the cover No  
Filling T 23140 (Recticel) - non-fire retardant foam - ± 22 kg/m<sup>3</sup>

|  | 1#           | 2#           | 3#           |
|--|--------------|--------------|--------------|
| <b>Smouldering criteria</b>            |              |              |              |
| Unsafe escalating combustion           | no           | no           | no           |
| Test assembly consumed                 | no           | no           | no           |
| Smoulders to extremities               | no           | no           | no           |
| Smoulders through thickness            | no           | no           | no           |
| Smoulders more than 1 hour             | no           | no           | no           |
| Final examination / active smouldering | no           | no           | no           |
| <b>Flaming criteria</b>                |              |              |              |
| Occurence of flames                    | no           | no           | no           |
|  |              |              |              |
|  | non-ignition | non-ignition | non-ignition |

# cigarette fails to smoulder its complete length

**Conclusion Non-ignition**

Performed under accreditation in the fire lab under the responsibility of Nathan De Kock

**Reference: T1704898 - 701901 vinyl upholstery**

**Furniture - Assessment of the ignitability of upholstered furniture – Ignition source : match flame equivalent**

Date of ending the test 13-03-2017  
Standard used EN 1021-2 (2014)

Deviation from the standard -

Conditioning 23°C, relative humidity 50%

The following 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.

Water soaking of the cover No  
Filling T 23140 (Recticel) - non-fire retardant foam - ± 22 kg/m<sup>3</sup>

Flame application time (s) 15

|   | 1            | 2            | 3            |
|---|--------------|--------------|--------------|
| <b>Smouldering criteria</b>             |              |              |              |
| Unsafe escalating combustion            | no           | no           | no           |
| Test assembly consumed                  | no           | no           | no           |
| Smoulders to extremities                | no           | no           | no           |
| Smoulders through thickness             | no           | no           | no           |
| Smoke/heat/glowing more than 60 min min | no           | no           | no           |
| Final examination / active smouldering  | no           | no           | no           |
| <b>Flaming criteria</b>                 |              |              |              |
| Unsafe escalating combustion            | no           | no           | no           |
| Test assembly consumed                  | no           | no           | no           |
| Flames to extremities                   | no           | no           | no           |
| Flames through thickness                | no           | no           | no           |
| Flaming > 120 s                         | no           | no           | no           |
| Afterflame time (s)                     | 1            | 1            | 1            |
|   | non-ignition | non-ignition | non-ignition |

**Conclusion Non-ignition**

Performed under accreditation in the fire lab under the responsibility of Nathan De Kock