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Nederland



Your notice of  
19-01-2017

Your reference

Date  
01-02-2017

## Analysis Report 17.00348.09

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
T1701279	Keros 100% PES (Trevira CS)	19-01-2017

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: T1701279 - Keros 100% PES (Trevira CS)**

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

Date of ending the test 31-01-2017  
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 C25065 (Recticel) - fire retardant foam - ± 25 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: T1701279 - Keros 100% PES (Trevira CS)**

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

Date of ending the test 31-01-2017  
 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 C25065 (Recticel) - fire retardant foam - ± 25 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)	0	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