



Tetcon Global BV
Ruysdaelbaan 3G
5642JJ Eindhoven
The Netherlands

Your notice of
23-07-2019

Your reference

Date
29-08-2019

Analysis Report 19.04318.01

Required tests :
EN 597-1 (2015)

Assessment of the ignitability of mattresses and upholstered bed bases - Ignition source : smouldering cigarette

EN 597-2 (2015)

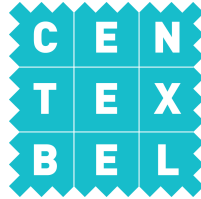
Assessment of the ignitability of mattresses and upholstered bed bases - Ignition source : match flame equivalent

Identification number	Information given by the client	Date of receipt
T1916400	T11260.150.C0644	23-07-2019



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.



Reference: T1916400 - T11260.150.C0644

Assessment of the ignitability of mattresses and upholstered bed bases - Ignition source : smouldering cigarette

Date of ending the test 28-08-2019
Standard used EN 597-1 (2015)

Deviation from the standard The composition of the finished mattress is not known, therefore the test specimen is composed of the cover material as received and a foam filling. The test is only carried out on the flat portion of the upper surface.

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.

Specimen thickness (cm) 8.0
Water soaking of the cover No
Filling SB 36140 (Recticel) - fire retardant foam - ± 36 kg/m³

Cigarette on the upper surface

	1	2#	3
Smouldering criteria			
Unsafe escalating combustion	no	no	no
Test assembly consumed	no	no	no
Smoulders through thickness	no	no	no
Smoulders more than 1 hour	no	no	no
Final examination / active smouldering	no	no	no
Flaming criteria			
Occurrence of flames	no	no	no
Conclusion	non-ignition	non-ignition	non-ignition

cigarette fails to smoulder its complete length

Conclusion Non-ignition



Reference: T1916400 - T11260.150.C0644

Assessment of the ignitability of mattresses and upholstered bed bases - Ignition source : match flame equivalent

Date of ending the test 28-08-2019
Standard used EN 597-2 (2015)

Deviation from the standard The composition of the finished mattress is not known, therefore the test specimen is composed of the cover material as received and a foam filling. The test is only carried out on the flat portion of the upper surface.

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.

Specimen thickness (cm) 8.0
Water soaking of the cover No
Filling SB 36140 (Recticel) - fire retardant foam - $\pm 36 \text{ kg/m}^3$

Match flame equivalent - flame application time 15 s

Flame on the upper surface

	1	2
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoulders through thickness	no	no
Smoulders more than 1 hour	no	no
Final examination / active smouldering	no	no
Flaming criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Burning through thickness or to the extremities	no	no
Flaming > 120 s	no	no
Afterflame time (s)	0	0
Conclusion	non-ignition	non-ignition

Conclusion

Non-ignition