

Pierre Frey sas
47 rue des Petits Champs
75001 PARIS
France

Your notice of
13-10-2021

Your reference

Date
08-11-2021

Analysis Report 21.06401.24

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

Sample id	Information given by the client	Date of receipt
T2122036	F3668 ARKADI	13-10-2021

Mike De Vrieze
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: T2122036 - F3668 ARKADI

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

Date of ending the test 08-11-2021
Standard used EN 1021-1 (2014)

Deviation from the standard -

Conditioning 23°C, relative humidity 50%

Based on information given by the client: specimens have not been cleaned

Filling SB 36140 (Recticel) - fire retardant foam - \pm 36 kg/m³

	1	2#	3#
Smouldering criteria			
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
Flaming criteria			
Occurrence of flames	no	no	no
	non-ignition	non-ignition	non-ignition

cigarette fails to smoulder its complete length

Conclusion Non-ignition

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.

Reference: T2122036 - F3668 ARKADI

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

Date of ending the test 08-11-2021
 Standard used EN 1021-2 (2014)

Deviation from the standard -

Conditioning 23°C, relative humidity 50%

Based on information given by the client: specimens have not been cleaned

Filling SB 36140 (Recticel) - fire retardant foam - \pm 36 kg/m³

Flame application time (s) 15

	1	2	3
Smouldering criteria			
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	no	no	no
Final examination / active smouldering	no	no	no
Flaming criteria			
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	0	0
	non-ignition	non-ignition	non-ignition

Conclusion Non-ignition

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.