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Your notice of	Your reference	Date
11-10-2013	SO-1101147	25-10-2013

Analysis Report 13.04698.13

Required tests :

EN 1021-1 (2006)	Furniture - Assessment of the ignitability of upholstered furniture - Ignition source : smouldering cigarette
EN 1021-2 (2006)	Furniture - Assessment of the ignitability of upholstered furniture – Ignition source : match flame equivalent
BS 5852 (2006)	Clause 11 (upholstery composite) - Assessment of the ignitability of upholstered seating - crib ignition source no. 5

Identification number	Information given by the client	Date of receipt
T1315571	Silica	11-10-2013

Pros Van Hoeyland

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: T1315571 - Silica

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

Date of ending the test 18-10-2013
 Standard used EN 1021-1 (2006)
 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 F 35140 (Recticel) - fire retardant foam - $\pm 35 \text{ kg/m}^3$

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

Conclusion Non-ignition

Reference: T1315571 - Silica

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

Date of ending the test 18-10-2013
 Standard used EN 1021-2 (2006)
 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 F 35140 (Recticel) - fire retardant foam - $\pm 35 \text{ kg/m}^3$
 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

Reference: T1315571 - Silica

Clause 11 (upholstery composite) - Assessment of the ignitability of upholstered seating - crib ignition source no. 5

Date of ending the test 25-10-2013
 Standard used BS 5852 (2006)
 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 F 35140 (Recticel) * - fire retardant foam - ± 35 kg/m³

* The filling complies with schedule 1 part 1 of the UK Furniture and Furnishings (Fire) (Safety) Regulations 1988

	1	2
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoulders to extremities	no	no
Smoulders through thickness	no	no
Smoke, heat or glowing more than 1 hour	no	no
Smoulders more than 100 mm from source	no	no
Flaming criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Flames to extremities	no	no
Flames through thickness	no	no
Flame time >10 min	no	no
Flame time	3 min 20 s	3 min 19 s
	non-ignition - NI/5	non-ignition - NI/5

Conclusion Non-ignition - NI/5

Performed under accreditation in the fire lab under the responsibility of Pros Van Hoeyland