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5753 AV Deurne
NEDERLAND



Your notice of
10-02-2017

Your reference

Date
03-03-2017

Analysis Report 17.00858.01

Required tests :

BS 7176 (2007)

Identification number	Information given by the client	Date of receipt
T1703167	PONZA 7027 - 607 g/m ² 100% PES (Trevira CS) Colour 21	10-02-2017

Nathan De Kock

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: T1703167 - PONZA 7027 - 607 g/m²100% PES (Trevira CS) Colour 21

Specification for resistance to ignition of upholstered furniture for non-domestic seating by testing composites

Product standard BS 7176 (2007)

Tests

EN 1021-1 / UK regulations cigarette Pass

EN 1021-2 / UK regulations match flame Pass

BS 5852 (2006) - crib ignition source no. 5 Fail

Conclusion Fails the requirements of BS 7176 (2007) - medium hazard

Reference: T1703167 - PONZA 7027 - 607 g/m²100% PES (Trevira CS) Colour 21

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

Date of ending the test 28-02-2017
 Standard used EN 1021-1 (2006)
 Product standard BS 7176 (2007)
 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 SB 36140 (Recticel) * - fire retardant foam - ± 36 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
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

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

Reference: T1703167 - PONZA 7027 - 607 g/m²100% PES (Trevira CS) Colour 21

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

Date of ending the test 24-02-2017
 Standard used EN 1021-2 (2006)
 Product standard BS 7176 (2007)
 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 SB 36140 (Recticel) * - fire retardant foam - ± 36 kg/m³

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

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 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

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

Reference: T1703167 - PONZA 7027 - 607 g/m²100% PES (Trevira CS) Colour 21

Assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources - crib ignition source no.5

Date of ending the test 01-03-2017
 Standard used BS 5852 (2006)
 Product standard BS 7176 (2007)
 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 SB 36140 (Recticel) * - fire retardant foam - ± 36 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	/	
Test assembly consumed	/	
Smoulders to extremities	/	
Smoulders through thickness	/	
Smoke, heat or glowing more than 1 hour	/	
Smoulders more than 100 mm from source	/	
Flaming criteria		
Unsafe escalating combustion	yes	
Test assembly consumed	/	
Flames to extremities	/	
Flames through thickness	yes	
Flame time >10 min	/	
Flame time	/	
	ignition - I/5	

Conclusion Ignition - I/5