



Aristide nv
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Your notice of
25-11-2019

Your reference

Date
13-01-2020

Analysis Report 19.06741.03

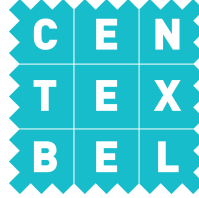
Required tests :

IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - smouldering cigarette test**
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - Match flame equivalent**

Identification number	Information given by the client	Date of receipt
T1925925	LOBO	25-11-2019

Petra Wittevrongel
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: T1925925 - LOBO

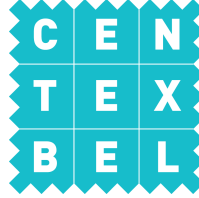
IMO upholstered furniture

Information given by the client

Type of furniture Upholstery

Fabric

Composition	Polyester
Structure	Plain
Number of threads - warp	32/cm
Number of threads - weft	15/cm
Yarn count - warp	100D
Yarn count - weft	6,5 chenille
Thickness in mm	1
Weight g/m ²	406
Colour	Silver
Treated with an FR finish/coating	yes



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Fire tests - Test for upholstered furniture - smouldering cigarette test

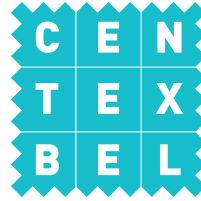
Date of ending the test 13-01-2020
Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8
Deviation from the standard -
Conditioning 23°C, relative humidity 50%

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Filling T 23140 (Recticel) * - non-fire retardant foam - $\pm 22 \text{ kg/m}^3$
* standard non-FR PU-foam (as indicated in Appendix 2 and 3 of Part 8)

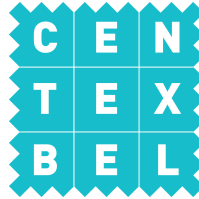
Ignition source: smouldering cigarette with the following specifications

Length: $(70 \pm 4) \text{ mm}$
Diameter: $(8.0 \pm 0.5) \text{ mm}$
Mass: $(0.95 \pm 0.15) \text{ mm}$
Smouldering rate: $(11.0 \pm 4.0) \text{ min} / 50 \text{ mm}$



	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		
Occurrence of flames	no	no
	non-ignition	non-ignition

Conclusion Pass



Reference: T1925925 - LOBO

Fire tests - Test for upholstered furniture - Match flame equivalent

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Flame application time (s) 20

	1	2
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoke/heat/glowing more than 120 s	no	no
Final examination / active smouldering	no	no
Flaming criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Flaming > 120 s	no	no
Afterflame time (s)	0	20
	non-ignition	non-ignition

Conclusion Pass