

Crypton Belgium bv
Industrielaan 105 / 3
8930 MENEN

Your notice of
25-08-2021

Your reference

Date
15-09-2021

Analysis Report 21.05399.06

Required tests :

**IMO - 2010 FTP Code Annex 1 -
Fire test procedures - Part 8**

**Fire tests - Test for upholstered furniture - smouldering
cigarette test**

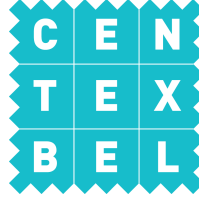
**IMO - 2010 FTP Code Annex 1 -
Fire test procedures - Part 8**

**Fire tests - Test for upholstered furniture - Match flame
equivalent**

Sample id	Information given by the client	Date of receipt
T2118409	CRYPTON NAME MAZIN - CUSTOMER ARISTIDE NAME PLANET	25-08-2021

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.

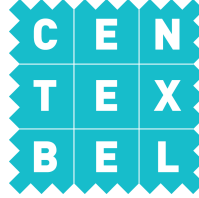


Reference: T2118409 - CRYPTON NAME MAZIN - CUSTOMER ARISTIDE NAME PLANET

IMO upholstered furniture

Information given by the client

Type of furniture	Sofa
Fabric	
Composition	82% polyester - 13% cotton - 5% linen
Structure	Plain
Number of threads - warp	13/cm
Number of threads - weft	7.1/cm
Yarn count - warp	4.1 N
Yarn count - weft	4.5 N
Thickness in mm	-
Weight g/m ²	630
Colour	Sherbert / Pink
Treated with an FR finish/coating	yes

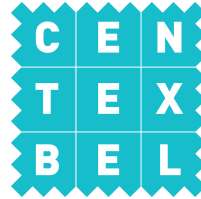


Reference: T2118409 - CRYPTON NAME MAZIN - CUSTOMER ARISTIDE NAME PLANET

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test	03-09-2021
Standard used	IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8
Deviation from the standard	-
Conditioning	23°C, relative humidity 50%
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)
Dimension of the specimens	800 mm x 650 mm x 1 mm
Weight (g/m ²)	633

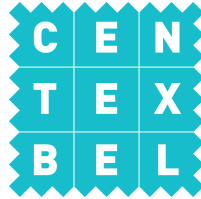
Ignition source: smouldering cigarette with the following specifications
Length: $(70 \pm 4) \text{ mm}$
Diameter: $(8.0 \pm 0.5) \text{ mm}$
Mass: $(0.95 \pm 0.15) \text{ g}$
Smouldering rate: $(11.0 \pm 4.0) \text{ min} / 50 \text{ mm}$



	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
Additional observations		
Maximum extent of damage from the ignition source (mm)	5	5
	non-ignition	non-ignition

Conclusion Pass

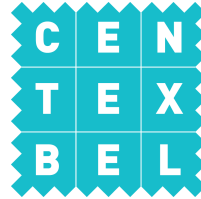
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



Reference: T2118409 - CRYPTON NAME MAZIN - CUSTOMER ARISTIDE NAME PLANET

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test	03-09-2021
Standard used	IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8
Deviation from the standard	-
Conditioning	23°C, relative humidity 50%
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)
Dimension of the specimens	800 mm x 650 mm x 1 mm
Weight (g/m ²)	633
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)	30	14
Additional observations		
Afterglow time (s)	0	0
Maximum extent of damage from the ignition source (mm)	55	55
	non-ignition	non-ignition

Conclusion Pass

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.