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Your notice of
27-07-2023

Your reference

Date
31-08-2023

Analysis Report 23.04144.01

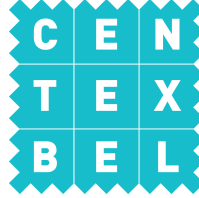
Required tests :

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
T2317604	RUMOR	27-07-2023

Joceleyne Coreelman
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.

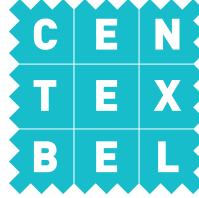


Reference: T2317604 - RUMOR

IMO upholstered furniture

Information given by the client

Type of furniture	Seat / sofa / office chair
Fabric	
Composition	72% recycled polyester, 21% new wool, 7% nylon
Structure	Knitted
Yarn count	Front: nm 28/1 Back: pes 167 dtex
Thickness in mm	5
Weight g/m ²	760
Colour	0681
Fire retardant treatment	No



Reference: T2317604 - RUMOR

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test	23-08-2023
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 4 mm
Weight (g/m^2)	780

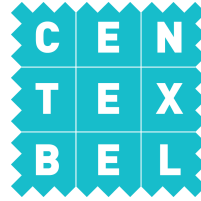
Ignition source: smouldering cigarette with the following specifications

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: T2317604 - RUMOR

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test	23-08-2023
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 4 mm
Weight (g/m ²)	780
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)	1	1
Additional observations		
Afterglow time (s)	0	0
Maximum extent of damage from the ignition source (mm)	50	45
	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.