



Kobe Fabrics B.V.
La Défense 11
5026 SC TILBURG
Netherlands

Your notice of
 06-08-2025

Your reference

Date
 15-09-2025

Analysis Report 25.04312.01

Required tests :

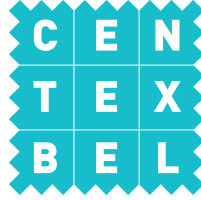
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - smouldering cigarette test**
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - Match flame equivalent**

Sample id	Information given by the client	Date of receipt
T2515615	MACE FR	06-08-2025



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.



Samples

T2515615
MACE FR





Reference: T2515615 - MACE FR

IMO upholstered furniture

Information given by the client

Type of furniture

Upholstery fabric

Fabric

Composition

100% polyester + hotmelt laminate with graphite FR powder and non woven backing

Structure

Plain

Number of threads - warp

23.5/cm

Number of threads - weft

26/cm

Yarn count - warp

334 dtex

Yarn count - weft

334 dtex

Thickness in mm

-

Weight g/m²

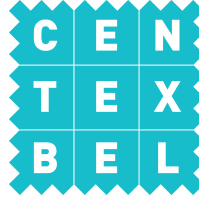
335

Colour

-

Inherently FR treated

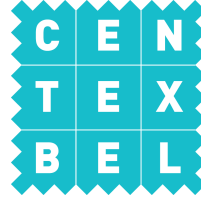
yes



Reference: T2515615 - MACE FR

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test	15-09-2025
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 (Euro-mousse) * - non-fire retardant foam - ± 22 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 2 mm
Weight (g/m ²)	548
Ignition source: smouldering cigarette with the following specifications	
Length: (70 \pm 4) mm	
Diameter: (8.0 \pm 0.5) mm	
Mass: (0.95 \pm 0.15) g	
Smouldering rate: (11.0 \pm 4.0) min / 50 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

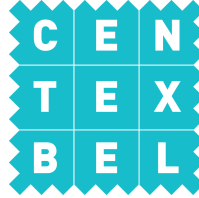
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



Reference: T2515615 - MACE FR

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test	15-09-2025
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 (Euro-mousse) * - non-fire retardant foam - ± 22 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 2 mm
Weight (g/m ²)	548
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	0
Additional observations		
Afterglow time (s)	0	0
Maximum extent of damage from the ignition source (mm)	20	25
	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.