

**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 25.04312.03

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**

Sample id	Information given by the client	Date of receipt
T2515617	SAGE FR	06-08-2025

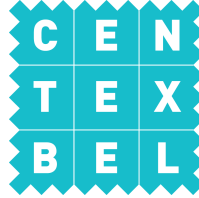
Mike De Vrieze  
Order responsible

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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**

T2515617  
SAGE FR





**Reference: T2515617 - SAGE 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

22/cm

Number of threads - weft

8.66/cm

Yarn count - warp

2/15 polyester slub

Yarn count - weft

5 nm polyester chenille

Thickness in mm

1.1

Weight g/m<sup>2</sup>

422

Colour

Inherently FR treated

yes

**Reference: T2515617 - SAGE 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 - $\pm 22$ kg/m <sup>3</sup> * 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 <sup>2</sup> )	539
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
<b>Smouldering criteria</b>		
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
<b>Flaming criteria</b>		
Occurrence of flames	no	no
<b>Additional observations</b>		
Maximum extent of damage from the ignition source (mm)	5	5
	non-ignition	non-ignition

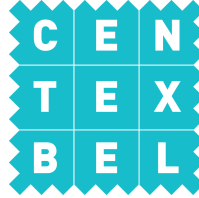
**Conclusion Pass**

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: T2515617 - SAGE 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 - $\pm 22$ kg/m <sup>3</sup> * 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 <sup>2</sup> )	539
Flame application time (s)	20



	1	2
<b>Smouldering criteria</b>		
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
<b>Flaming criteria</b>		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Flaming > 120 s	no	no
Afterflame time (s)	1	2
<b>Additional observations</b>		
Afterglow time (s)	0	0
Maximum extent of damage from the ignition source (mm)	25	35
	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.