



Vescom bv
Sint-Jozefstraat 20
5753 AV DEURNE
Netherlands

Your notice of
07-01-2022

Your reference
SOBV1068308

Date
27-01-2022

Analysis Report 22.00132.01

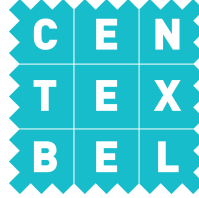
Required tests :

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
T2200449	Vescom Vinyl Upholstery Fabric	07-01-2022

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: T2200449 - Vescom Vinyl Upholstery Fabric

IMO upholstered furniture

Information given by the client

Type of furniture

Upholstery

Fabric

Composition

PVC topcoat, PVC foam layer on a PES/Co (65/35)
backing

Structure

NA

Number of threads - warp

NA

Number of threads - weft

NA

Yarn count - warp

NA

Yarn count - weft

NA

Thickness in mm

1.1

Weight g/m²

Total: 800, PVC: 690, backing: 110

Colour

Yellow

Inherently FR treated

yes



Reference: T2200449 - Vescom Vinyl Upholstery Fabric

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test	24-01-2022
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)	806

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: $(11.0 \pm 4.0) \text{ min} / 50 \text{ mm}$

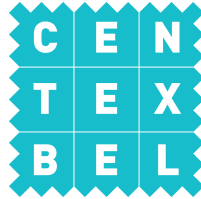


	1#	2#
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoulders to extremities	no	no
Smoulders through thickness	no	no
Smoulders more than 1 hour	no	no
Final examination / active smouldering	no	no
Flaming criteria		
Occurrence of flames	no	no
Additional observations		
Maximum extent of damage from the ignition source (mm)	5	5
	non-ignition	non-ignition

cigarette fails to smoulder its complete length

Conclusion Pass

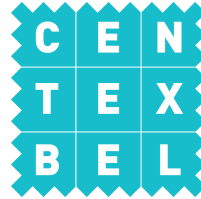
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



Reference: T2200449 - Vescom Vinyl Upholstery Fabric

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test	24-01-2022
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)	806
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	0
Additional observations		
Afterglow time (s)	0	0
Maximum extent of damage from the ignition source (mm)	70	60
	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.