

Vescom Bv
Sint-Jozefstraat 20
5753 AV Deurne
Nederland

Your notice of
28-07-2020

Your reference

Date
14-09-2020

Analysis Report 20.04729.04

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
T2016484	Harding	28-07-2020

Mike De Vrieze
Order responsible

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Reference: T2016484 - Harding

IMO upholstered furniture

Information given by the client

Type of furniture Upholstery

Fabric

Composition	100% PES-FR
Structure	Weave
Number of threads - warp	15/cm
Number of threads - weft	33/cm
Yarn count - warp	Nm 12/1 PES-FR
Yarn count - weft	Nm 12/1 PES-FR
Thickness in mm	1.5
Weight g/m ²	437
Colour	Yellow
Inherently FR treated	yes

Reference: T2016484 - Harding

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test 10-09-2020
Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8
Deviation from the standard -
Conditioning 23°C, relative humidity 50%

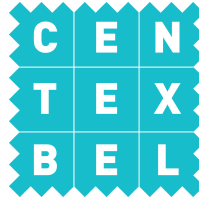
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Filling SB 36140 (Recticel) - fire retardant foam - $\pm 36 \text{ kg/m}^3$

Ignition source: smouldering cigarette with the following specifications
Length: $(70 \pm 4) \text{ mm}$
Diameter: $(8.0 \pm 0.5) \text{ mm}$
Mass: $(0.95 \pm 0.15) \text{ mm}$
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
	non-ignition	non-ignition

Conclusion Pass



Reference: T2016484 - Harding

Fire tests - Test for upholstered furniture - Match flame equivalent

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Deviation from the standard -
Conditioning 23°C, relative humidity 50%

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.

Filling SB 36140 (Recticel) - fire retardant foam - ± 36 kg/m³

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	3
	non-ignition	non-ignition

Conclusion Pass