

Vescom BV
Sint Jozefstraat 20
5753 AV Deurne
NEDERLAND

Your notice of
 24-10-2017

Your reference

Date
 06-04-2018

Analysis Report 17.06130.02

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

Identification number	Information given by the client	Date of receipt
T1723116	Lani – 7060	24-10-2017

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.

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Reference: T1723116 - Lani – 7060

IMO upholstered furniture

Information given by the client

Type of furniture

Upholstery

Fabric

Composition

80% Wo, 20% PA

Structure

Plain

Number of threads - warp

35/cm

Number of threads - weft

34/cm

Yarn count - warp

Nm 36/2 Wo/PA

Yarn count - weft

Nm 36/2 Wo/PA

Thickness in mm

1.2

Weight per unit area

542 g/m²

Colour

Greybrown

Treated with an FR finish/coating

yes

Reference: T1723116 - Lani – 7060

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test	29-11-2017
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

cigarette fails to smoulder its complete length

Conclusion **Pass**

result achieved with
additional FR finish

Reference: T1723116 - Lani – 7060

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test 29-11-2017
 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 - ± 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	0
	non-ignition	non-ignition

Conclusion Pass

result achieved with
additional FR finish