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Netherlands



Your notice of
31-07-2018

Your reference

Date
13-09-2018

Analysis Report 18.04461.04

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

Identification number	Information given by the client	Date of receipt
T1818292	Acton 7062	31-07-2018

Mieke Demeyer

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: T1818292 - Acton 7062

IMO upholstered furniture

Information given by the client

Type of furniture

Upholstery

Fabric

Composition

100% PES (Trevira CS)

Structure

Plain / weave

Number of threads - warp

16.2/cm

Number of threads - weft

16.2/cm

Yarn count - warp

Nm 12.5 CS

Yarn count - weft

Nm 100/2 CS + Nm 3.2 CS

Thickness in mm

1.2

Weight per unit area

429 g/m²

Colour

Grey

Inherently FR treated

yes

Reference: T1818292 - Acton 7062

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test 10-08-2018
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		
Occurence of flames	no	no
	non-ignition	non-ignition

Conclusion Pass

Performed under accreditation in the fire lab under the responsibility of Mieke Demeyer

Reference: T1818292 - Acton 7062

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test 10-08-2018
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 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