



Vescom bv
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Nederland

Your notice of
25-11-2020

Your reference

Date
24-12-2020

Analysis Report 20.07269.03

Required tests :

**IMO - 2010 FTP Code Annex 1 - Fire tests - Test for upholstered furniture - smouldering
Fire test procedures - Part 8 cigarette test**
**IMO - 2010 FTP Code Annex 1 - Fire tests - Test for upholstered furniture - Match flame
Fire test procedures - Part 8 equivalent**

Sample id	Information given by the client	Date of receipt
T2025523	Avon	25-11-2020



Gina Créelle
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: T2025523 - Avon

IMO upholstered furniture

Information given by the client

Type of furniture	Upholstery
Fabric	
Composition	100% polyester FR
Structure	Plain/weave
Number of threads - warp	15/cm
Number of threads - weft	13/cm
Yarn count - warp	Nm 12/1
Yarn count - weft	Nm 5/1 + Nm 12/1
Thickness in mm	1.0
Weight g/m ²	345
Colour	Brown
Inherently FR treated	yes



Reference: T2025523 - Avon

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test	24-12-2020
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 - $\pm 36 \text{ kg/m}^3$

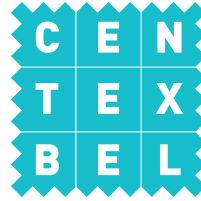
Ignition source: smouldering cigarette with the following specifications

Length: $(70 \pm 4) \text{ mm}$

Diameter: $(8.0 \pm 0.5) \text{ mm}$

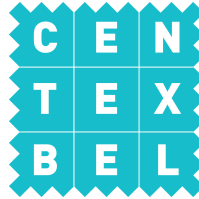
Mass: $(0.95 \pm 0.15) \text{ mm}$

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: T2025523 - Avon

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test 24-12-2020
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 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