

Feabrik bv
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Nederland

Your notice of
 18-01-2019

Your reference

Date
 05-03-2019

Analysis Report 19.00330.04

Required tests :

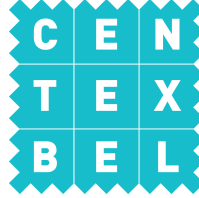
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - smouldering cigarette test**
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - Match flame equivalent**

Identification number	Information given by the client	Date of receipt
T1904928	GENTLE 2 Rust 0373 by Feabrik batch number E-26766006-1	18-01-2019



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.



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IMO upholstered furniture

Information given by the client

Type of furniture

Upholstery

Fabric

Composition

60% WO, 20% PA, 20% PES

Structure

Knitted

Yarn count - warp

Front: nm 28/1

Yarn count - weft

Back: PES 167 dtex

Thickness in mm

4

Weight g/m²

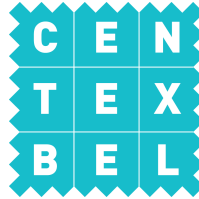
580

Colour

0373 RUST (orange)

Not FR treated

yes



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Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test 04-03-2019
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 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)

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



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Fire tests - Test for upholstered furniture - Match flame equivalent

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 * standard non-FR PU-foam (as indicated in Appendix 2 and 3 of Part 8)

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