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**Sint-Jozefstraat 20**  
**5753 AV Deurne**  
**NEDERLAND**



**Your notice of**  
 04-10-2018

**Your reference**

**Date**  
 15-11-2018

## Analysis Report 18.05670.05

Required tests :

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

Identification number	Information given by the client	Date of receipt
T1823194	Rolla 7065	04-10-2018

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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**Reference: T1823194 - Rolla 7065**

**IMO upholstered furniture**

**Information given by the client**

Type of furniture	Upholstery
<b>Fabric</b>	
Composition	100% PES
Structure	Weave
Number of threads - warp	24/cm
Number of threads - weft	22/cm
Yarn count - warp	Nm 21/1 CS
Yarn count - weft	Nm 40/2 CS + Nm 3.2/1 CS
Thickness in mm	1.8
Weight per unit area	551 g/m <sup>2</sup>
Colour	Blue

**Reference: T1823194 - Rolla 7065**

**Fire tests - Test for upholstered furniture - smouldering cigarette test**

Date of ending the test	18-10-2018
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
<b>Smouldering criteria</b>		
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
<b>Flaming criteria</b>		
Occurrence of flames	no	no
	non-ignition	non-ignition

**Conclusion Pass**

**Reference: T1823194 - Rolla 7065**

**Fire tests - Test for upholstered furniture - Match flame equivalent**

Date of ending the test 18-10-2018  
 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 - ± 36 kg/m<sup>3</sup>

Flame application time (s) 20

	1	2
<b>Smouldering criteria</b>		
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
<b>Flaming criteria</b>		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Flaming > 120 s	no	no
Afterflame time (s)	1	0
	non-ignition	non-ignition

**Conclusion Pass**