

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



**Your notice of**  
22-02-2018

**Your reference**

**Date**  
30-03-2018

## Analysis Report 18.01111.04

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**

Identification number	Information given by the client	Date of receipt
T1804239	BURTON 7056	22-02-2018

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: T1804239 - BURTON 7056**

**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

16.5/cm

Number of threads - weft

26/cm

Yarn count - warp

Nm 3.2 + Nm 21/1

Yarn count - weft

Nm 3.0 + Nm 40/2

Thickness in mm

1.5

Weight per unit area

545 g/m<sup>2</sup>

Colour

Inherently FR treated

yes

**Reference: T1804239 - BURTON 7056**

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

Date of ending the test 30-03-2018  
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: T1804239 - BURTON 7056**

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

Date of ending the test 30-03-2018  
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/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)	0	0
	non-ignition	non-ignition

**Conclusion Pass**