



Kobefab International
De Vest 62
555XP Valkenswaard
Nederland

Your notice of
 25-10-2019

Your reference

Date
 12-11-2019

Analysis Report 19.06079.06

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
T1923527	COBALT FR	25-10-2019



Petra Wittevrongel
 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: T1923527 - COBALT FR

IMO upholstered furniture

Information given by the client

Type of furniture	Upholstery
Fabric	
Composition	100% polyester
Structure	Plain
Number of threads - warp	75/cm
Number of threads - weft	25/cm
Yarn count - warp	150D
Yarn count - weft	300D
Thickness in mm	1.020
Weight g/m ²	322
Colour	Beige
Treated with an FR finish/coating	yes



Reference: T1923527 - COBALT FR

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test	05-11-2019
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	SB 36140 (Recticel) - fire retardant foam - $\pm 36 \text{ kg/m}^3$
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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: T1923527 - COBALT FR

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test 05-11-2019
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 SB 36140 (Recticel) - fire retardant foam - $\pm 36 \text{ kg/m}^3$

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