



Verotex Industries BV
Edisonweg 3
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Your notice of
02-03-2020

Your reference

Date
24-03-2020

Analysis Report 20.01255.04

Required tests :

ISO 6330 (2000) + A1 (2008), ISO 6330 (2012) Washing and drying

IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 9 Fire tests - Test for bedding components – smouldering cigarette test

IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 9 Fire tests - Test for bedding components – Match flame equivalent

Identification number	Information given by the client	Date of receipt
T2004657	XFR-Osmic	02-03-2020

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.

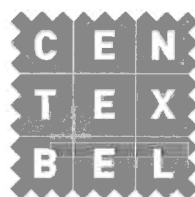


Reference: T2004657 - XFR-Osmic

IMO bedding components

Information given by the client

Type of material	Fabric for bedding
Fabric	
Composition	100% polyester inherent FR
Structure	Dobby weave
Number of threads - warp	24.75 + 8.25 /cm
Number of threads - weft	4.83 + 2.42 + 21.75/cm
Yarn count - warp	150D + 1433D
Yarn count - weft	1433D + 1666D +75D
Thickness in mm	0.73
Weight g/m²	350
Colour	04-Flax
Inherently FR treated	yes

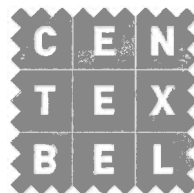


Reference: T2004657 - XFR-Osmic

Washing and drying

Date of ending the test	17-03-2020
Standard used	ISO 6330 (2000) + A1 (2008), ISO 6330 (2012)
Deviation from the standard	-
Apparatus	Wascator FOM 71 (type A)
Used detergent	ECE detergent (Type 3)
Washing method and temperature	2A- 60°C (2000)
Drying method	E = tumble dry (••) after each washingcycle (2000)
Number of washing cycles	3
Mass of the test specimens	955 g
Remark	Washing always occurs with a ballast type III 100% PES regardless of the composition of the fabric.

Sample generated: T2004657_01d



Reference: T2004657 - XFR-Osmic

Fire tests - Test for bedding components – smouldering cigarette test

Date of ending the test 23-03-2020
 Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 9
 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.

Testing substrate Mineral wool fibre pad

Specimen thickness (cm) ≤ 2,5

Ignition source: smouldering cigarette with the following specifications

Length: (70 ± 4) mm

Diameter: (8.0 ± 0.5) mm

Mass: (0.95 ± 0.15) mm

Smouldering rate: (11.0 ± 4.0) min / 50 mm

Cigarettes on the smooth surface (no stitchings)

	1	2
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoke, heat or glowing more than 1 hour	no	no
More than 25 mm from edge of cotton wool	no	no
Smoulders to extremities	no	no
Smoulders through thickness	yes	yes
Final examination / active smouldering	no	no
Flaming criteria		
Occurence of flames	no	no
Conclusion	non-ignition	non-ignition

Conclusion Not readily ignitable - Pass



Reference: T2004657 - XFR-Osmic

Fire tests - Test for bedding components – Match flame equivalent

Date of ending the test 23-03-2020
 Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 9
 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.

Testing substrate Mineral wool fibre pad
 Specimen thickness (cm) ≤ 2.5
 Flame application time (s) 20

Flame on the smooth surface (no stitchings)

	1	2
Smouldering criteria		
Unsafe escalating combustion	no	no
Test assembly consumed	no	no
Smoke, heat or glowing more than 1 hour	no	no
Smouldering more than 25 mm from source	no	no
Smoulders to extremities	no	no
Smoulders through thickness	no	no
Final examination / active smouldering	no	no
Flaming criteria		
Unsafe escalating combustion	no	no
> 66% consumed	no	no
Burning to the extremities	no	no
Burning through thickness	yes	yes
Flaming > 150 s	no	no
Afterflame time (s)	0	0
Conclusion	non-ignition	non-ignition

Conclusion Not readily ignitable - Pass