



Verotex Industries bv
Edisonweg 3
5466 AR VEGHEL

Your notice of
31-01-2023

Your reference

Date
27-02-2023

Analysis Report 23.00565.06

Required tests :

ISO 6330 (2021)

**IMO - 2010 FTP Code Annex 1 -
Fire test procedures - Part 9**

**IMO - 2010 FTP Code Annex 1 -
Fire test procedures - Part 9**

Washing and drying

**Fire tests - Test for bedding components – smouldering
cigarette test**

**Fire tests - Test for bedding components – Match flame
equivalent**

Sample id	Information given by the client	Date of receipt
T2302394	XFR Sensuous	31-01-2023

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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: T2302394 - XFR Sensuous

IMO bedding components

Information given by the client

Type of material	Fabric for bedding
Fabric	
Composition	54% Recycled Polyester Inherent FR, 46% Polyester Inherent FR
Structure	-
Number of threads - warp	22/cm
Number of threads - weft	26/cm
Number of threads - pile	21/cm
Yarn count - warp	300D
Yarn count - weft	Ne 20/1
Yarn count - pile	Ne 30/2
Thickness in mm	1.4
Weight g/m ²	379
Colour	19-Dune
Inherently FR treated	yes

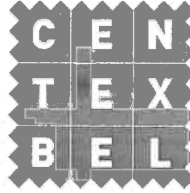


Reference: T2302394 - XFR Sensuous

Washing and drying

Date of ending the test	08-02-2023
Standard used	ISO 6330 (2021)
Deviation from the standard	-
Conditioning	20°C, relative humidity 65%
Apparatus	Wascator FOM 71 (type A)
Used detergent	ECE detergent (Type 3)
Washing method and temperature	4N- 40°C (2021)
Drying method	F = tumble dry (•) after each washingcycle (2021)
Number of washing cycles	3
Mass of the test specimens	580g
Mass of the ballast	The washing machine is filled with ballast to achieve 2 kg in total
Remark	Washing always occurs with a ballast type III 100% PES regardless of the composition of the fabric.

Sample generated: T2302394_01d



Reference: T2302394_01d - XFR Sensuous

Fire tests - Test for bedding components – smouldering cigarette test

Date of ending the test	20-02-2023
Standard used	IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 9
Deviation from the standard	-
Conditioning	23°C, relative humidity 50%
Testing substrate	Mineral wool fibre pad
Information given by the client	Front ≠ back
Dimension of the specimens	450 mm x 450 mm x ≤ 25 mm
Weight (g/m ²)	404

Ignition source: smouldering cigarette with the following specifications

Length: (70 ± 4) mm

Diameter: (8.0 ± 0.5) mm

Mass: (0.95 ± 0.15) g

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



Front

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 (horizontal)	no	no
Smoulders to extremities	no	no
Smoulders through thickness	yes	yes
Final examination / active smouldering	no	no
Flaming criteria		
Occurrence of flames	no	no
Additional observations		
Maximum extent of damage from the edge of cotton wool (mm)	0	0
Conclusion	non-ignition	non-ignition



Back

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 (horizontal)	no	no
Smoulders to extremities	no	no
Smoulders through thickness	yes	yes
Final examination / active smouldering	no	no
Flaming criteria		
Occurrence of flames	no	no
Additional observations		
Maximum extent of damage from the edge of cotton wool (mm)	0	0
Conclusion	non-ignition	non-ignition

Conclusion Not readily ignitable - Pass

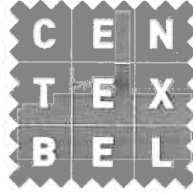
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test: they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.



Reference: T2302394_01d - XFR Sensuous

Fire tests - Test for bedding components – Match flame equivalent

Date of ending the test	20-02-2023
Standard used	IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 9
Deviation from the standard	-
Conditioning	23°C, relative humidity 50%
Testing substrate	Mineral wool fibre pad
Information given by the client	Front ≠ back
Dimension of the specimens	450 mm x 450 mm x ≤ 25 mm
Weight (g/m ²)	404
Flame application time (s)	20



Front

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)	16	0
Additional observations		
Afterglow time (s)	0	0
Maximum extent of damage from the ignition source (mm)	5	5
Conclusion	non-ignition	non-ignition



Back

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
Additional observations		
Afterglow time (s)	0	0
Maximum extent of damage from the ignition source (mm)	5	5
Conclusion	non-ignition	non-ignition

Conclusion Not readily ignitable - Pass

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.