Your notice of
20-11-2017

Your reference
SO-1167023

Date
15-12-2017

Analysis Report 17.06676.01

Required tests:
IMO - 2010 FTP Code Annex 1 -
Fire test procedures - Part 8
IMO - 2010 FTP Code Annex 1 -
Fire test procedures - Part 8

Fire tests - Test for upholstered furniture - smouldering
cigarette test
Fire tests - Test for upholstered furniture - Match flame
equivalent

Identification number
T1725450

Information given by the client
PONZA

Date of receipt
20-11-2017

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:  T1725450 - PONZA

**IMO upholstered furniture**

**Information given by the client**

Type of furniture  
Upholstery

**Fabric**

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>100% polyester (Trevira CS)</td>
</tr>
<tr>
<td>Structure</td>
<td>Vervet weave</td>
</tr>
<tr>
<td>Number of threads - warp</td>
<td>Warp: 25/cm, pile: 12/cm</td>
</tr>
<tr>
<td>Number of threads - weft</td>
<td>15/cm</td>
</tr>
<tr>
<td>Yarn count - warp</td>
<td>Warp: Nm 40/2, pile: Nm30/1</td>
</tr>
<tr>
<td>Yarn count - weft</td>
<td>Nm 20/1</td>
</tr>
<tr>
<td>Thickness in mm</td>
<td>7</td>
</tr>
<tr>
<td>Weight per unit area</td>
<td>605 g/m²</td>
</tr>
<tr>
<td>Colour</td>
<td>702726</td>
</tr>
<tr>
<td>Inherently FR treated</td>
<td>yes</td>
</tr>
</tbody>
</table>
Reference: T1725450 - PONZA

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test: 12-12-2017
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/m³

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
Performed under accreditation in the fire lab under the responsibility of Mieke Demeyer
Reference: T1725450 - PONZA

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

Date of ending the test 12-12-2017
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/m³

Flame application time (s) 20

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Smouldering criteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unsafe escalating combustion</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Test assembly consumed</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Smoke/heat/glowing more than 120 s</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Final examination / active smouldering</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td><strong>Flaming criteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unsafe escalating combustion</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Test assembly consumed</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Flaming &gt; 120 s</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Afterflame time (s)</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Conclusion Pass

Performed under accreditation in the fire lab under the responsibility of Mieke Demeyer