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Sint Jozefstraat 20
NL--5753 AV Deurne
Nederland

Your notice of
 03-02-2020

Your reference

Date
 14-02-2020

Analysis Report 20.00621.09

Required tests :

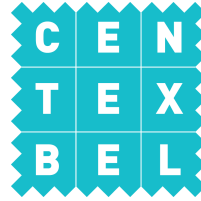
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - smouldering cigarette test**
IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 8 **Fire tests - Test for upholstered furniture - Match flame equivalent**

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T2002398 | Wilson | 03-02-2020 |



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.

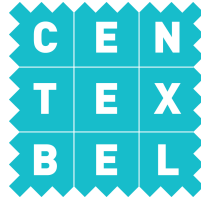


Reference: T2002398 - Wilson

IMO upholstered furniture

Information given by the client

| | |
|--------------------------|-------------------|
| Type of furniture | Upholstery |
| Fabric | |
| Composition | 100% polyester FR |
| Structure | Weave |
| Number of threads - warp | 14/cm |
| Number of threads - weft | 20/cm |
| Yarn count - warp | Nm12/1 |
| Yarn count - weft | Nm 5/1 + Nm 12/1 |
| Thickness in mm | 1.5 |
| Weight g/m ² | 498 |
| Colour | Blue |
| Inherently FR treated | yes |



Reference: T2002398 - Wilson

Fire tests - Test for upholstered furniture - smouldering cigarette test

Date of ending the test 11-02-2020
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 - $\pm 36 \text{ kg/m}^3$

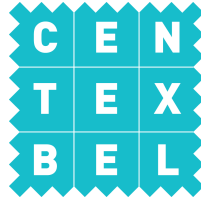
Ignition source: smouldering cigarette with the following specifications

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 |
|--|--------------|--------------|
| 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: T2002398 - Wilson

Fire tests - Test for upholstered furniture - Match flame equivalent

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Filling SB 36140 (Recticel) - fire retardant foam - \pm 36 kg/m³

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 | 1 |
| | non-ignition | non-ignition |

Conclusion Pass