



Kobefab International
De Vest 62
555XP Valkenswaard
Nederland

Your notice of
 25-10-2019

Your reference

Date
 31-10-2019

Analysis Report 19.06079.04

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 |
|-----------------------|---------------------------------|-----------------|
| T1923396 | NICKEL 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: T1923396 - NICKEL FR

IMO upholstered furniture

Information given by the client

Type of furniture

Upholstery

Fabric

Composition

100% polyester

Structure

Plain

Number of threads - warp

12/cm

Number of threads - weft

10/cm

Yarn count - warp

8.6S

Yarn count - weft

4.5

Thickness in mm

1.570

Weight g/m²

530

Colour

Beige

Treated with an FR finish/coating

yes



Reference: T1923396 - NICKEL FR

Fire tests - Test for upholstered furniture - smouldering cigarette test

| | |
|-----------------------------|-------------------------------------------------------------|
| Date of ending the test | 30-10-2019 |
| 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 - $\pm 36 \text{ kg/m}^3$

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: T1923396 - NICKEL FR

Fire tests - Test for upholstered furniture - Match flame equivalent

Date of ending the test 30-10-2019
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) | 5 | 0 |
| | | |
| | non-ignition | non-ignition |

Conclusion Pass