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NL-5753 AV Deurne
NEDERLAND



Your notice of
04-12-2018

Your reference

Date
07-12-2018

Analysis Report 18.06886.02

Required tests :

IMO - 2010 FTP Code Annex 1 - Fire Test Procedures - Test for vertically supported textiles and films
Fire test procedures - Part 7

| Identification number | Information given by the client | Date of receipt |
|-----------------------|---------------------------------|-----------------|
| T1827618 | Swan 8071 | 04-12-2018 |

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.

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Inrichting erkend bij toepassing van de besluitwet van 30-01-1947 • Établissement reconnu par application de l'arrêté-loi du 30-01-1947
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Reference: T1827618 - Swan 8071

IMO curtains

Information given by the client

| | |
|--------------------------|---------------------|
| Type of material | Curtain |
| Fabric | |
| Composition | 100% PES-FR |
| Structure | Weave |
| Number of threads - warp | 23/cm |
| Number of threads - weft | 25/cm |
| Yarn count - warp | Nm 100/2 |
| Yarn count - weft | Nm 70/1 |
| Thickness in mm | ± 0.5mm |
| Weight per unit area | 95 g/m ² |
| Colour | White |
| Inherently FR treated | yes |

Reference: T1827618 - Swan 8071

Fire Test Procedures - Test for vertically supported textiles and films

Date of ending the test 07-12-2018
Standard used IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 7

Deviation from the standard -

Conditioning Min 24 hours at 20°C and 65% RH

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.

The test specimens have not been cleaned nor submitted to an accelerated ageing procedure.

Flame application time (s) 5 - 15

Weight (g/m²) 97

Determination of the test conditions.

Length

| | Surface | | Edge | |
|-----------------------------|---------|----|------|----|
| | 5 | 15 | 5 | 15 |
| Flame application time (s) | 5 | 15 | 5 | 15 |
| Afterflame time (s) | 0 | 0 | 0 | 0 |
| Afterglow (s) | 0 | 0 | 0 | 0 |
| Surface flash | no | no | no | no |
| Edge reached | no | no | no | no |
| Ignition cotton wool | no | no | no | no |
| Maximum damaged length (mm) | 32 | 35 | 21 | 30 |

No sustained ignition : testing continued under conditions showing the greatest damaged length.

Width

| | Surface | | Edge | |
|-----------------------------|---------|----|------|----|
| | 5 | 15 | 5 | 15 |
| Flame application time (s) | 5 | 15 | 5 | 15 |
| Afterflame time (s) | 0 | 0 | 0 | 0 |
| Afterglow (s) | 0 | 0 | 0 | 0 |
| Surface flash | no | no | no | no |
| Edge reached | no | no | no | no |
| Ignition cotton wool | no | no | no | no |
| Maximum damaged length (mm) | 28 | 30 | 30 | 37 |

No sustained ignition : testing continued under conditions showing the greatest damaged length.

Worst testing conditions

Length Surface - flame application time 15 s

| | 1 | 2 | 3 | 4 | 5 | Average |
|-----------------------------|----|----|----|----|----|---------|
| Afterflame time (s) | 0 | 0 | 0 | 0 | 0 | 0 |
| Afterglow (s) | 0 | 0 | 0 | 0 | 0 | 0 |
| Surface flash | no | no | no | no | no | |
| Edge reached | no | no | no | no | no | |
| Ignition cotton wool | no | no | no | no | no | |
| Maximum damaged length (mm) | 35 | 33 | 36 | 36 | 35 | 35 |

Width Edge - flame application time 15 s

| | 1 | 2 | 3 | 4 | 5 | Average |
|-----------------------------|----|----|----|----|----|---------|
| Afterflame time (s) | 0 | 0 | 0 | 0 | 0 | |
| Afterglow (s) | 0 | 0 | 0 | 0 | 0 | |
| Surface flash | no | no | no | no | no | |
| Edge reached | no | no | no | no | no | |
| Ignition cotton wool | no | no | no | no | no | |
| Maximum damaged length (mm) | 37 | 22 | 30 | 33 | 30 | 30 |

Criteria for curtains and drapes

1. Afterflame time ≤ 5 s for any specimen tested with face ignition.
2. No flame propagation to the edges for any specimen tested with face ignition..
3. No ignition of the cotton wool for any specimen.
4. Average char length ≤ 150 mm in any of the batches tested with face or edge ignition.
5. No occurrence of a surface flash more than 100 mm from the point of ignition.

Remark: If the test for length and/or width is carried out with edge ignition, the results obtained through the edge application are considered for the purposes of the criteria 1 and 2.

The fabric passes the proposed criteria for curtains and drapes.