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Nederland

ISO 17025
BELAC
056-TEST

Your notice of 03-05-2017	**Your reference**	**Date** 18-07-2017

Analysis Report 17.02652.32

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

Identification number	Information given by the client	Date of receipt
T1709607	Sindo-8027	03-05-2017

Petra Wittevrongel

Order responsible

Reference: **T1709607 - Sindo-8027**

IMO curtains

Information given by the client

Type of material   Curtain / drape

Fabric

Composition   100% PES
Structure   Weave
Number of threads - warp   24
Number of threads - weft   26
Yarn count - warp   Nm 70/2 CS
Yarn count - weft   Nm 40/2 CS
Weight per unit area   212 g/m²
Inherently FR treated   yes

Reference: **T1709607 - Sindo-8027**

Fire Test Procedures - Test for vertically supported textiles and films

Date of ending the test	12-07-2017
Standard used	IMO - 2010 FTP Code Annex 1 - Fire test procedures - Part 7
Deviation from the standard	-
Conditioning	20°C, relative humidity 65%

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)	210

Determination of the test conditions.

Length

	Surface		Edge	
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	33	33	50

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

Performed under accreditation in the fire lab under the responsibility of Philippe Van Acker

Width

	Surface		Edge	
Flame application time (s)	5	15	5	15
Afterflame time (s)	0	0	1	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)	30	40	37	43

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

Worst testing conditions

Length   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)	50	42	42	50	50	47

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)	43	34	30	40	38	37

Criteria for curtains and drapes

1. Afterflame time ≤ 5s 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 occurance 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.