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Exova Warringtonfire, Frankfurt ist von der Bundesrepublik Deutschland anerkannte Prüfstelle für Brandprüfungen nach FTP-Code der IMO

Test report

No. 2014-1389

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Applicant: Ludvig Svensson AB
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511 82 Kinna
Schweden

Date of order: 20.03.2014
Date of sampling: no official sampling of the specimen by a representative of Exova Warringtonfire, Frankfurt
Date of arrival: 25.03.2014
Date of test: 03.04.2014

Order

Testing of the burning behaviour according to Resolution MSC. 307(88), FTP Code 2010, Annex 1, Part 7, FTP Code 2010, Annex 1, Part 7, test for vertically supported textiles and films.

Description / designation of the test object

Name: Nuovi, Material: 100% Polyester, <1 % Aluminium

Description of the relevant test procedure

Resolution MSC.307(88), FTP Code 2010, Annex 1, Part 7

Description of the specimen material

1.1 Details of the customer:

Name: Nuovi, Material: 100% Polyester, <1 % Aluminium

Intended end use
of product: Vertical blinds

1.2 At the sample preparation from the Exova Warringtonfire, Frankfurt determined values:

One side aluminized fabric

Colour: Front: aluminium, rear: grey

Thickness: 0,34 mm (average)

Square weight: 135 g/m² (average)

Details of the test samples:

Test samples for the flame application: 5 length and 5 width, dimensions: 220 mm x 170 mm

Preparatory actions before the test:

Clima storage (23°C / 50 % relative humidity): > 24 h

Test arrangement: vertical

Ignition source: Propane gas flame 40mm high

Surface ignition: 5 and 15 seconds

Edge ignition: 5 and 15 seconds

2. Testresults:

Pre-test to determine the flame application:

Testroom: 21°C / 40% r. L.F.

Test direction: length

Fabric position

Ignition time

Flame time

Afterflame time

Sample parts

Ignition of the cotton waste

Length of char

Burning through any edge

Surface flash > 100mm

Specimen no.	1	2	3	4	5	Limits
E/S	E	E	S	S		
[s]	5	15	5	15		
[s]	5	5	4	5		
[s]	0	0	0	0		≤ 5
yes/no	no	no	no	no		
yes/no	no	no	no	no		No
[mm]	40	60	50	80		≤ 150
yes/no	no	no	no	no		No
yes/no	no	no	no	no		No

Test direction: width

Fabric position

Ignition time

Flame time

Afterflame time

Sample parts

Ignition of the cotton waste

Length of char

Burning through any edge

Surface flash > 100mm

Specimen no.	1	2	3	4	5	Limits
E/S	E	E	S	S		
[s]	5	15	5	15		
[s]	4	5	5	5		
[s]	0	0	0	0		≤ 5
yes/no	no	no	no	no		
yes/no	no	no	no	no		No
[mm]	40	60	60	80		≤ 150
yes/no	no	no	no	no		No
yes/no	no	no	no	no		No

S = surface ignition / E = edge ignition

Remarks: non

Determined flame application:

Testroom: 21 °C / 40% r. L.F.

Test direction: length

Fabric position

Ignition time

Flame time

Afterflame time

Sample parts

Ignition of the cotton waste

Length of char

Burning through any edge

Surface flash > 100mm

Specimen no.	1	2	3	4	5	Limits
S/E	S	S	S	S	S	
[s]	15	15	15	15	15	
[s]	5	5	6	5	6	
[s]	0	0	0	0	0	≤ 5
yes/no	no	no	no	no	no	
yes/no	no	no	no	no	no	No
[mm]	85	80	80	85	85	≤ 150
yes/no	no	no	no	no	no	No
yes/no	no	no	no	no	no	No

Test direction: width

Fabric position

Ignition time

Flame time

Afterflame time

Sample parts

Ignition of the cotton waste

Length of char

Burning through any edge

Surface flash > 100mm

Specimen no.	1	2	3	4	5	Limits
S/E	S	S	S	S	S	
[s]	15	15	15	15	15	
[s]	5	5	5	5	6	
[s]	0	0	0	0	0	≤ 5
yes/no	no	no	no	no	no	
yes/no	no	no	no	no	no	No
[mm]	80	80	80	85	80	≤ 150
yes/no	no	no	no	no	no	No
yes/no	no	no	no	no	no	No

S = surface ignition / E = edge ignition

Remarks: non

3. Classification:

The in the test determined result showed, that the in chapter 1 described material fulfilled the requirements according to Resolution MSC.307(88), FTP Code 2010, Annex 1, Part 7, test for vertically supported textiles and films.

4. Special comment

The test result is only valid for the in chapter 1 described material.

The test results relate only the behaviour of the test specimen of a product under the particular conditions of the test. They are not intended to be the only criterion that can cause potential fire hazards of the product in use.

Frankfurt 09st April 2014

A handwritten signature in blue ink, appearing to read "Anders".

H. Anders
Tester in charge

A handwritten signature in blue ink, appearing to read "Zachäus".

Dipl.-Ing. T. Zachäus
Laboratory supervisor

The results of the tests relate only to the behaviour of the test sample which is designated on the top.
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This test report is a translation of the German version 2014-1389 (issued 09.04.2014). In case of doubt only the German version is valid
This test report contains 5 pages.