



Testing. Advising. Assuring.

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

Test report

No. 2017-2024

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Applicant: Vescom B.V.
Sint Jozefstraat 20
5753 AV Deurne
The Netherlands

Date of order: 23.10.2017
Date of sampling: no official sampling of the specimen by a representative of Exova Warringtonfire, Frankfurt
Date of arrival: 24.10.2017
Date of test: 30.10.2017

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

Fabric sample designated as: Burano 8003, 100% PES (Trevira CS), 205 g/m²

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:

Fabric sample designated as: Burano 8003, 100% PES (Trevira CS), 205 g/m²

Article: Burano
Dess.: 8003
g/m² 205g

100% PES (Trevira CS)

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

Fabric sample

Colour: burgundy
Thickness: 0,35 mm
Square weight: 210 g/m²

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	S	S	E	E		
[s]	5	15	5	15		
[s]	7	6	3	5		
[s]	2	0	0	0		≤ 5
yes/no	no	no	no	no		
yes/no	no	no	no	no		No
[mm]	40	50	45	60		≤ 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	S	S	E	E		
[s]	5	15	5	15		
[s]	6	7	8	8		
[s]	1	0	3	0		≤ 5
yes/no	no	no	no	no		
yes/no	no	no	no	no		No
[mm]	40	50	55	60		≤ 150
yes/no	no	no	no	no		No
yes/no	no	no	no	no		No

S = surface ignition / E = edge ignition

Remarks: none

Determined flame application:

Testroom: 21 °C / 40% r. L.F.

Test direction: length

Specimen no.	1	2	3	4	5	Limits
S/E	E	E	E	E	E	
Ignition time [s]	15	15	15	15	15	
Flame time [s]	6	5	5	6	6	
Afterflame time [s]	0	0	0	0	0	≤ 5
Sample parts yes/no	no	no	no	no	no	
Ignition of the cotton waste yes/no	no	no	no	no	no	No
Length of char [mm]	60	60	55	55	60	≤ 150
Burning through any edge yes/no	no	no	no	no	no	No
Surface flash > 100mm yes/no	no	no	no	no	no	No

Test direction: width

Specimen no.	1	2	3	4	5	Limits
S/E	E	E	E	E	E	
Ignition time [s]	15	15	15	15	15	
Flame time [s]	8	7	7	8	8	
Afterflame time [s]	0	0	0	0	0	≤ 5
Sample parts yes/no	no	no	no	no	no	
Ignition of the cotton waste yes/no	no	no	no	no	no	No
Length of char [mm]	65	60	60	70	65	≤ 150
Burning through any edge yes/no	no	no	no	no	no	No
Surface flash > 100mm yes/no	no	no	no	no	no	No

S = surface ignition / E = edge ignition

Remarks: none

3. Classification:

The in the test determined result showed, that the in chapter 1 described material fulfils 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, in the tested thickness and surface weight. In cases where only the colours change, a new test is not necessary. However, in cases where the basic product or the treatment procedure change, a new test is required.

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, 02th November 2017

Handwritten signature of H. Anders in blue ink.

H. Anders
Tester in charge

Handwritten signature of T. Zachäus in blue ink.

Dipl.-Ing. T. Zachäus
Head of the business

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 contains 5 pages.