



Report IMO FTP Code Part 7

Document number: 201701797 **Report date:** 20/09/2017
Fabric reference: Labyrinth **Date analyses:** 20/09/2017
 (green-brown) **Place analyses:** Labotex
Fabric reference: 100% polyester **Date of request:** 19/06/2017
Customer: Verotex Industries BV **Samples received:** 16/06/2017
 Edisonweg 3
 5466 AR VEGHEL

Testing and conditioning in standard atmosphere, T (20±2)°C and RH (65±4)%


Specification	Results	Remarks																																																																																																																																													
IMO fire test procedure Resolution 2010 FTP Code Part 7 <i>conditioning min 24h. in standard atmosphere sample size: (220 x 170) mm used gas: propane flame height: 40 mm flame application: 5s - 15s</i>	<p>The test specimen have not been cleaned nor submitted to an accelerated ageing process</p> <p>Indicative weight</p> <p style="text-align: center;">451 g/m²</p> <p>a. Determination of the worst testing conditions</p> <table border="1"> <thead> <tr> <th rowspan="2">warp</th> <th colspan="2">surface ignition</th> <th colspan="2">edge ignition</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>flame application time (s)</td> <td>5</td> <td>15</td> <td>5</td> <td>15</td> </tr> <tr> <td>afterflame time (s)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>surface flash</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>damaged length (mm)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>edge reached</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>ignition of cotton wool</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>maximum damaged length (mm)</td> <td>28</td> <td>39</td> <td>27</td> <td>59</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th rowspan="2">weft</th> <th colspan="2">surface ignition</th> <th colspan="2">edge ignition</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> </tr> </thead> <tbody> <tr> <td>flame application time (s)</td> <td>5</td> <td>15</td> <td>5</td> <td>15</td> </tr> <tr> <td>afterflame time (s)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>surface flash</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>damaged length (mm)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>edge reached</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>ignition of cotton wool</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>maximum damaged length (mm)</td> <td>30</td> <td>36</td> <td>40</td> <td>52</td> </tr> </tbody> </table> <p>b. Worst testing conditions - warp (*)</p> <table border="1"> <thead> <tr> <th rowspan="2">warp</th> <th colspan="5">edge ignition</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>flame application time (s)</td> <td>15</td> <td>15</td> <td>15</td> <td>15</td> <td>15</td> </tr> <tr> <td>afterflame time (s)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>surface flash</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>damaged length (mm)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>edge reached</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>ignition of cotton wool</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> <td>no</td> </tr> <tr> <td>maximum damaged length (mm)</td> <td>71</td> <td>62</td> <td>54</td> <td>58</td> <td>70</td> </tr> </tbody> </table>	warp	surface ignition		edge ignition		1	2	3	4	flame application time (s)	5	15	5	15	afterflame time (s)	0	0	0	0	surface flash	no	no	no	no	damaged length (mm)	0	0	0	0	edge reached	no	no	no	no	ignition of cotton wool	no	no	no	no	maximum damaged length (mm)	28	39	27	59	weft	surface ignition		edge ignition		1	2	3	4	flame application time (s)	5	15	5	15	afterflame time (s)	0	0	0	0	surface flash	no	no	no	no	damaged length (mm)	0	0	0	0	edge reached	no	no	no	no	ignition of cotton wool	no	no	no	no	maximum damaged length (mm)	30	36	40	52	warp	edge ignition					1	2	3	4	5	flame application time (s)	15	15	15	15	15	afterflame time (s)	0	0	0	0	0	surface flash	no	no	no	no	no	damaged length (mm)	0	0	0	0	0	edge reached	no	no	no	no	no	ignition of cotton wool	no	no	no	no	no	maximum damaged length (mm)	71	62	54	58	70	
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Specification	Results					Remarks
<u>c. Worst testing conditions - weft (*)</u>						
	edge ignition					
weft	1	2	3	4	5	
flame application time (s)	15	15	15	15	15	
afterflame time (s)	0	0	0	0	0	
surface flash	no	no	no	no	no	
damaged length (mm)	0	0	0	0	0	
edge reached	no	no	no	no	no	
ignition of cotton wool	no	no	no	no	no	
maximum damaged length (mm)	55	57	49	64	46	
<u>d. Criteria for curtains drapes</u>						
* afterflame time ≤ 5s for any specimen						
* no flame propagation to the edges for any specimen						
* no ignition of the cotton wool for any specimen						
* average char length ≤ 150mm						
* no occurrence of a surface flash more than 100mm from the point of ignition						
	PassX.....				
	Fail				
 <p>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 sole criterion for assessing the potential fire hazard of the product in use.</p>						

Labotex certifies that the results mentioned in this report are obtained after testing in accordance with the procedure and equipment specified by the concerned standards, unless noted differently.

Joeri Neys - Laboratory Manager

Labotex has the competence to perform tests in accordance with the requirements of standard NBN EN ISO/IEC 17025. The scope of this accreditation can be obtained on request.

The results in this report only relate to the tested items.

Samples will be returned to the customer with the certificate, if possible. Samples will not be retained, unless specified by the customer. Retained samples will be kept for maximum one year unless a specific retention period is necessary.

This report can not be copied unless in its complete form and with written approval of Labotex (Kontich).

Sampling is performed by the customer. Fabric analysed as received.

The uncertainty and the description of the methods are available at the lab on request.