



# Report IMO FTP Code Part 7

Document number: 202301737      Report date: 5/06/2023  
Fabric reference: Lupine  
20- Opal (BPZ-014476/BABH)      Date analyses: 5/06/2023  
Fabric composition: 100% Polyester Inherent FR      Place analyses: Labotex  
Customer: Verotex Industries      Date of request: 1/06/2023  
Edisonweg 3      Samples received: 31/05/2023  
5466 AR Veghel  
Netherlands

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  conditioning min 24h. in standard atmosphere sample size: (220 x 170) mm used gas: propane flame application: 5s - 15s	<p>The test specimen have not been cleaned nor submitted to an accelerated ageing process</p> <table><tr><td>Indicative weight</td><td>450</td><td>g/m<sup>2</sup></td></tr><tr><td>Indicative thickness</td><td>0.68</td><td>mm</td></tr></table> <p><u>a. Determination of the worst testing conditions</u></p> <table><tr><td></td><td colspan="2">surface ignition</td><td colspan="2">edge ignition</td></tr><tr><td>warp</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><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>24.2</td><td>0</td><td>0</td></tr><tr><td>propagation length flame surface flash (mm)</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>32</td><td>122</td><td>48</td><td>100</td></tr></table> <table><tr><td></td><td colspan="2">surface ignition</td><td colspan="2">edge ignition</td></tr><tr><td>weft</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><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>propagation length flame surface flash (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>36</td><td>71</td><td>51</td><td>75</td></tr></table> <p><u>b. Worst testing conditions - warp (*)</u></p> <table><tr><td></td><td colspan="5">surface ignition</td></tr><tr><td>warp</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><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>propagation length flame surface flash (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>73</td><td>71</td><td>69</td><td>80</td><td>66</td></tr></table>	Indicative weight	450	g/m <sup>2</sup>	Indicative thickness	0.68	mm		surface ignition		edge ignition		warp	1	2	3	4	flame application time (s)	5	15	5	15	afterflame time (s)	0	24.2	0	0	propagation length flame surface flash (mm)	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)	32	122	48	100		surface ignition		edge ignition		weft	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	propagation length flame surface flash (mm)	0	0	0	0	edge reached	no	no	no	no	ignition of cotton wool	no	no	no	no	maximum damaged length (mm)	36	71	51	75		surface ignition					warp	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	propagation length flame surface flash (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)	73	71	69	80	66	additional samples tested; conditioning not according to standard
Indicative weight	450	g/m <sup>2</sup>																																																																																																																																																						
Indicative thickness	0.68	mm																																																																																																																																																						
	surface ignition		edge ignition																																																																																																																																																					
warp	1	2	3	4																																																																																																																																																				
flame application time (s)	5	15	5	15																																																																																																																																																				
afterflame time (s)	0	24.2	0	0																																																																																																																																																				
propagation length flame surface flash (mm)	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)	32	122	48	100																																																																																																																																																				
	surface ignition		edge ignition																																																																																																																																																					
weft	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																																																																																																																																																				
propagation length flame surface flash (mm)	0	0	0	0																																																																																																																																																				
edge reached	no	no	no	no																																																																																																																																																				
ignition of cotton wool	no	no	no	no																																																																																																																																																				
maximum damaged length (mm)	36	71	51	75																																																																																																																																																				
	surface ignition																																																																																																																																																							
warp	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																																																																																																																																																			
propagation length flame surface flash (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)	73	71	69	80	66																																																																																																																																																			



Report IMO FTP Code Part 7

Document number:

202301737

Report date:

5/06/2023

Fabric reference:

Lupine

Date analyses:

5/06/2023

Fabric composition:

20- Opal (BPZ-014476/BABH)

Place analyses:

Labotex

Customer:

100% Polyester Inherent FR

Date of request:

1/06/2023

Verotex Industries

Samples received:

31/05/2023


Edisonweg 3

5466 AR Veghel

Netherlands

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

Specification	Results					Remarks	I
c. Worst testing conditions - weft (%)							
		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	
propagation length flame surface flash (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)		50	75	66	85	71	
d. Criteria for curtains drapes							
* 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							
	Pass	X					
	Fail						
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.							



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.

Annick Gijsemans - 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 consulted on the BELAC website [https://ng3.economie.fgov.be/NL/belac/labotesting/applic/accreditedc\\_ni.asp?certificatienummer=364-TEST](https://ng3.economie.fgov.be/NL/belac/labotesting/applic/accreditedc_ni.asp?certificatienummer=364-TEST)

Sampling is performed by the customer. Fabric analysed as received. The results in this report only relate to the tested items.

Samples will be returned to the customer together 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 cannot be copied unless in its complete form and with written approval of Labotex (Kontich).

Uncertainty of measurement on the test result is not taken into account when assessing compliance with the specifications. When results are compliant to the specification, the square next to the result is empty. When the result is not compliant to the specification, the square is filled with a flag "X".

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