

Document number: 202201418 Report date: 17/06/2022

Fabric reference: Tone FR

Fabric composition: 100% Polyester inherent FR Date analyses: 17/06/2022

Customer: Kobe Interior Fabrics Place analyses: Labotex

Date of request: 18/05/2022

Samples received: 23/05/2022

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

Specification	Results	Remarks																																																																																																																																													
<div>IMO fire test procedure</div> <div>Resolution 2010</div> <div>FTP Code Part 7</div> <div>conditioning min 24h. in standard atmosphere</div> <div>sample size: (220 x 170) mm</div> <div>used gas: propane</div> <div>flame height: 40 mm</div> <div>flame application: 5s - 15s</div>	<div>The test specimen have not been cleaned nor submitted to an accelerated ageing process</div> <div>Indicative weight</div> <div>86g/m²</div> <div>a. Determination of the worst testing conditions</div> <div><table><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>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>45</td><td>41</td><td>47</td><td>57</td></tr></tbody></table><table><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>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>35</td><td>48</td><td>56</td><td>65</td></tr></tbody></table><div>b. Worst testing conditions - warp (*)</div><table><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>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>55</td><td>58</td><td>75</td><td>50</td><td>62</td></tr></tbody></table></div>	warp	surface ignition		edge ignition		1	2	3	4	flame application time (s)	5	15	5	15	afterflame time (s)	0	0	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)	45	41	47	57	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	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)	35	48	56	65	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	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)	55	58	75	50	62	
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Report IMO FTP Code Part 7

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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			
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)	71	61	71	60	73			
<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								
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.								

BELAC

364-TEST

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

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 "v".

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