


Document number:	<u>16-1578-IMO</u>	Report date:	<u>25/10/2016</u>
Fabric reference:	<u>Jest</u> <u>(terra)</u>	Date analyses:	<u>25/10/2016</u>
		Place analyses:	<u>Labotex</u>
Fabric composition:	<u>100% polyester</u>	Date of request:	<u>24/10/2016</u>
		Samples received:	<u>21/10/2016</u>
Customer:	<u>BRU Textiles</u> <u>Satenrozen ZA</u> <u>B-2550 Kontich</u>		

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</i> <i>sample size: (220x170)mm</i> <i>used gas: propane</i> <i>flame height: 40mm</i> <i>flame application: 5s - 15s</i>	<p><i>The test specimens have not been cleaned nor submitted to an accelerated ageing process</i></p> <p><u>Indicative weight</u></p> <p><u>351</u> g/m²</p> <p><u>a Determination of the worst testing conditions</u></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>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</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>52</td> <td>34</td> <td>52</td> </tr> </tbody> </table> <p style="text-align: right;">(*)</p> <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>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</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>39</td> <td>43</td> <td>42</td> </tr> </tbody> </table> <p style="text-align: right;">(*)</p>	warp	surface ignition		edge ignition		1	2	3	4	flame application time (s)	5	15	5	15	afterflame time (s)	0.0	0.0	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	52	34	52	weft	surface ignition		edge ignition		1	2	3	4	flame application time (s)	5	15	5	15	afterflame time (s)	0.0	0.0	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	39	43	42		<input type="checkbox"/>
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Testing and conditioning in standard atmosphere, T (20±/-2)°C and RH (65±/-4)%

Specification	Results					Remarks	!	
	b Worst testing conditions - warp (*)							
	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)	37	28	37	50	38		
	c Worst testing conditions - weft (*)							
	weft	edge ignition						
		1	2	3	4	5		
	flame application time (s)	5	5	5	5	5		
	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)	37	25	20	30	39		
	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 the 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.



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. Composition of the fabric provided by the customer.