

Document number: 11-0355-IMO

Fabric reference: Plush  
17-sesame  
(dye lot 0629-1049-10)

Customer: BRU Textiles  
Satenrozen 2A  
B-2550 Kontich

Report date: 31/03/2011

Date analyses: 23/03/2011  
 Place analyses: Labotex  
 Date of request: 7/02/2011  
 Samples received: 7/02/2011

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

(This report has been revised because of some layout issues)

Specification	Results	Remarks	!																																																																														
<b>IMO fire test procedure</b>  Resolution A.471  <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>a <u>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</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>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>54</td> <td>54</td> <td>41</td> <td>47</td> </tr> </tbody> </table> <p>(*)</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>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>40</td> <td>42</td> <td>30</td> <td>44</td> </tr> </tbody> </table> <p>(*)</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	surface flash	no	no	no	no	edge reached	no	no	no	no	ignition of cotton wool	no	no	no	no	maximum damaged length (mm)	54	54	41	47	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	edge reached	no	no	no	no	ignition of cotton wool	no	no	no	no	maximum damaged length (mm)	40	42	30	44		<input type="checkbox"/>
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# Report IMO A471

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Specification	Results					Remarks	!
b <u>Worst testing conditions - warp (*)</u>							
	surface ignition						
warp	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		
edge reached	no	no	no	no	no		
ignition of cotton wool	no	no	no	no	no		
maximum damaged length (mm)	42	36	40	40	45		
c <u>Worst testing conditions - weft (*)</u>							
	edge 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		
edge reached	no	no	no	no	no		
ignition of cotton wool	no	no	no	no	no		
maximum damaged length (mm)	50	55	43	37	39		

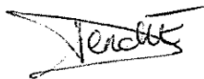
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Specification	Results	Remarks	!
	<p>d <u>Criteria for curtains &amp; drapes</u></p> <ul style="list-style-type: none"> <li>* afterflame time ≤ 5s for any specimen</li> <li>* no flame propagation to the edges for any specimen</li> <li>* no ignition of the cotton wool for any specimen</li> <li>* average char length ≤ 150mm</li> <li>* no occurrence of a surface flash more than 100mm from the point of ignition</li> </ul> <p>Pass <u>          x          </u></p> <p>Fail <u>                          </u></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.**



Elke Dierck - Technical Manager

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.