



Report EN13773

Document number:	<u>16-1039-EN</u>	Report date:	<u>4/10/2016</u>
Fabric reference:	<u>Juleste</u> <u>(belge-ecru)</u>	Date analyses:	<u>25/07/2016 - 03/08/2016</u>
		Place analyses:	<u>Labotex</u>
		Date of request:	<u>7/07/2016</u>
Customer:	<u>Verotex Industries</u> <u>Edisonweg 3</u> <u>5466 AR Veghel</u> <u>Netherlands</u>	Samples received	<u>6/07/2016</u>

Testing and conditioning in standard atmosphere, $T (20 \pm 2)^\circ\text{C}$ and RH $(65 \pm 4)\%$

(SC as TM)

Specification	Results	Remarks																																																																																																	
Burning behaviour of fabrics for curtains & drapes EN 13773 conditioning min. 24h at standard atmosphere used fabric: polyester flame retardant fabric bottom edge ignition size EN1101: 200x300mm size EN13772: 55x1200mm <u>flow chart EN 13773</u> <pre>graph TD EN1101[EN 1101] -- "no ignition" --> EN13772[EN 13772] EN1101 -- "ignition" --> EN1102[EN 1102] EN13772 -- "3rd marker thread not severed" --> F3_13772["flaming debris class 3"] EN13772 -- "3rd marker thread severed" --> F2_13772["flaming debris class 2"] EN1102 -- "3rd marker thread not severed" --> F3_1102["flaming debris class 3"] EN1102 -- "3rd marker thread severed" --> F2_1102["flaming debris class 2"] F2_1102 -- "1st marker thread not severed" --> F2_1102_2["flaming debris class 2"] F2_1102 -- "1st marker thread severed" --> F1_1102["flaming debris class 1"]</pre>	a) EN 1101 <i>Test EN1101 is performed after subjecting the fabric to 1 washing cycle, based on the recommended washing instruction.</i> <table><tr><th>flame application time</th><th>warp</th><th>weft</th></tr><tr><td>1s</td><td>no ignition</td><td>no ignition</td></tr><tr><td>2s</td><td>no ignition</td><td>no ignition</td></tr><tr><td>3s</td><td>no ignition</td><td>no ignition</td></tr><tr><td>4s</td><td>no ignition</td><td>no ignition</td></tr><tr><td>5s</td><td>no ignition</td><td>no ignition</td></tr><tr><td>10s</td><td>no ignition</td><td>no ignition</td></tr><tr><td>15s</td><td>no ignition</td><td>no ignition</td></tr><tr><td>20s</td><td>no ignition</td><td>no ignition</td></tr></table> Mean ignition time warp: <u>NA</u> Mean ignition time weft: <u>NA</u> Minimum ignition time: <u>NA</u> b) EN 13772 before washing <table><tr><th>warp</th><th>face</th><th>reverse</th><th>face</th><th>face</th></tr><tr><td>1st marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>2nd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>3rd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>time to severance 3rd marker thread (s)</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>destroyed length (mm)</td><td>158</td><td>58</td><td>118</td><td>125</td></tr><tr><td>flaming debris</td><td>no</td><td>no</td><td>no</td><td>no</td></tr></table> <table><tr><th>weft</th><th>face</th><th>reverse</th><th>face</th><th>face</th></tr><tr><td>1st marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>2nd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>3rd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>time to severance 3rd marker thread (s)</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>destroyed length (mm)</td><td>146</td><td>105</td><td>104</td><td>145</td></tr><tr><td>flaming debris</td><td>no</td><td>no</td><td>no</td><td>no</td></tr></table>	flame application time	warp	weft	1s	no ignition	no ignition	2s	no ignition	no ignition	3s	no ignition	no ignition	4s	no ignition	no ignition	5s	no ignition	no ignition	10s	no ignition	no ignition	15s	no ignition	no ignition	20s	no ignition	no ignition	warp	face	reverse	face	face	1st marker thread severed	no	no	no	no	2nd marker thread severed	no	no	no	no	3rd marker thread severed	no	no	no	no	time to severance 3rd marker thread (s)	0	0	0	0	destroyed length (mm)	158	58	118	125	flaming debris	no	no	no	no	weft	face	reverse	face	face	1st marker thread severed	no	no	no	no	2nd marker thread severed	no	no	no	no	3rd marker thread severed	no	no	no	no	time to severance 3rd marker thread (s)	0	0	0	0	destroyed length (mm)	146	105	104	145	flaming debris	no	no	no	no	
flame application time	warp	weft																																																																																																	
1s	no ignition	no ignition																																																																																																	
2s	no ignition	no ignition																																																																																																	
3s	no ignition	no ignition																																																																																																	
4s	no ignition	no ignition																																																																																																	
5s	no ignition	no ignition																																																																																																	
10s	no ignition	no ignition																																																																																																	
15s	no ignition	no ignition																																																																																																	
20s	no ignition	no ignition																																																																																																	
warp	face	reverse	face	face																																																																																															
1st marker thread severed	no	no	no	no																																																																																															
2nd marker thread severed	no	no	no	no																																																																																															
3rd marker thread severed	no	no	no	no																																																																																															
time to severance 3rd marker thread (s)	0	0	0	0																																																																																															
destroyed length (mm)	158	58	118	125																																																																																															
flaming debris	no	no	no	no																																																																																															
weft	face	reverse	face	face																																																																																															
1st marker thread severed	no	no	no	no																																																																																															
2nd marker thread severed	no	no	no	no																																																																																															
3rd marker thread severed	no	no	no	no																																																																																															
time to severance 3rd marker thread (s)	0	0	0	0																																																																																															
destroyed length (mm)	146	105	104	145																																																																																															
flaming debris	no	no	no	no																																																																																															



Report EN13773

Document number: 16-1039-EN Report date: 4/10/2016

Fabric reference: Juleste Date analyses: 25/07/2016 - 09/08/2016

(beige-ecru) Place analyses: Labotex

Customer: Verotex Industries Date of request: 7/07/2016

Edisonweg 3 Samples received: 6/07/2016

5466 AR Veghel

Netherlands

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

Specification	Results	Remarks	I																																																																														
	c) <u>EN 13772 after washing</u> <i>This washing procedure consists of 12 cycles according to standard ISO6330.</i> <table><tr><th>warp</th><th>face</th><th>reverse</th><th>face</th><th>face</th></tr><tr><td>1st marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>2nd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>3rd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>time to severance 3rd marker thread (s)</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>destroyed length (mm)</td><td>143</td><td>130</td><td>108</td><td>141</td></tr><tr><td>flaming debris</td><td>no</td><td>no</td><td>no</td><td>no</td></tr></table> <table><tr><th>weft</th><th>face</th><th>reverse</th><th>reverse</th><th>reverse</th></tr><tr><td>1st marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>2nd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>3rd marker thread severed</td><td>no</td><td>no</td><td>no</td><td>no</td></tr><tr><td>time to severance 3rd marker thread (s)</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>destroyed length (mm)</td><td>139</td><td>150</td><td>130</td><td>143</td></tr><tr><td>flaming debris</td><td>no</td><td>no</td><td>no</td><td>no</td></tr></table> c) <u>classification</u> <table><tr><td>class 1</td><td>x</td></tr><tr><td>class 2</td><td>_____</td></tr><tr><td>class 3</td><td>_____</td></tr><tr><td>class 4 or 5</td><td>_____</td></tr></table>	warp	face	reverse	face	face	1st marker thread severed	no	no	no	no	2nd marker thread severed	no	no	no	no	3rd marker thread severed	no	no	no	no	time to severance 3rd marker thread (s)	0	0	0	0	destroyed length (mm)	143	130	108	141	flaming debris	no	no	no	no	weft	face	reverse	reverse	reverse	1st marker thread severed	no	no	no	no	2nd marker thread severed	no	no	no	no	3rd marker thread severed	no	no	no	no	time to severance 3rd marker thread (s)	0	0	0	0	destroyed length (mm)	139	150	130	143	flaming debris	no	no	no	no	class 1	x	class 2	_____	class 3	_____	class 4 or 5	_____		
warp	face	reverse	face	face																																																																													
1st marker thread severed	no	no	no	no																																																																													
2nd marker thread severed	no	no	no	no																																																																													
3rd marker thread severed	no	no	no	no																																																																													
time to severance 3rd marker thread (s)	0	0	0	0																																																																													
destroyed length (mm)	143	130	108	141																																																																													
flaming debris	no	no	no	no																																																																													
weft	face	reverse	reverse	reverse																																																																													
1st marker thread severed	no	no	no	no																																																																													
2nd marker thread severed	no	no	no	no																																																																													
3rd marker thread severed	no	no	no	no																																																																													
time to severance 3rd marker thread (s)	0	0	0	0																																																																													
destroyed length (mm)	139	150	130	143																																																																													
flaming debris	no	no	no	no																																																																													
class 1	x																																																																																
class 2	_____																																																																																
class 3	_____																																																																																
class 4 or 5	_____																																																																																



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 (Dantich).

Sampling is performed by the customer. Fabric analysed as received