

Report NFPA701

Doc number: 201903671
 Quality name: Broadline FR
 Swan
 Customer: James Dunlop Textiles Ltd
 6-10 Akepiro Street
 Mt Eden Auckland
 New Zealand

Report date: 21/11/2019
 Date analyses: 21/11/2019 - 21/11/2019
 Place analyses: Labotex
 Date test request: 8/11/2019
 Samples received: 13/11/2019

Testing and conditioning in standard atmosphere, T (22+/-4)°C

Specification	Results	Remarks	!																																																																									
NFPA test for curtains & drapes NFPA 701 <i>testing according to method 1 pre-conditioning 1h at 105°C used gas: methane gas flow: 1205 ml/min flame application: 45s surface ignition</i>	<u>1. Indicative weight</u> <div style="text-align: center;"> 241 ----- g/m² </div>		<input type="checkbox"/>																																																																									
	<u>2. Test data</u>																																																																											
		<table border="1"> <thead> <tr> <th></th> <th>m before test (g)</th> <th>droplets (s)</th> <th>afterflame (s)</th> <th>m after test (g)</th> <th>weight loss (%)</th> </tr> </thead> <tbody> <tr><td>1</td><td>14.5278</td><td>0.0</td><td>0.0</td><td>14.4948</td><td>0.2</td></tr> <tr><td>2</td><td>14.3405</td><td>0.0</td><td>0.0</td><td>14.3053</td><td>0.2</td></tr> <tr><td>3</td><td>14.2866</td><td>0.0</td><td>0.0</td><td>14.2446</td><td>0.3</td></tr> <tr><td>4</td><td>14.3110</td><td>0.0</td><td>0.0</td><td>13.8740</td><td>3.1</td></tr> <tr><td>5</td><td>14.4290</td><td>0.0</td><td>0.0</td><td>14.3029</td><td>0.9</td></tr> <tr><td>6</td><td>14.4631</td><td>0.0</td><td>0.0</td><td>14.4303</td><td>0.2</td></tr> <tr><td>7</td><td>14.3250</td><td>0.0</td><td>0.0</td><td>14.1882</td><td>1.0</td></tr> <tr><td>8</td><td>14.3308</td><td>0.0</td><td>0.0</td><td>13.9232</td><td>2.8</td></tr> <tr><td>9</td><td>14.2124</td><td>0.0</td><td>0.0</td><td>14.1765</td><td>0.3</td></tr> <tr><td>10</td><td>14.6687</td><td>0.0</td><td>0.0</td><td>14.6515</td><td>0.1</td></tr> <tr> <td>Average:</td> <td></td> <td>0.0</td> <td>s</td> <td>Average:</td> <td>0.9</td> </tr> </tbody> </table>		m before test (g)	droplets (s)	afterflame (s)	m after test (g)	weight loss (%)	1	14.5278	0.0	0.0	14.4948	0.2	2	14.3405	0.0	0.0	14.3053	0.2	3	14.2866	0.0	0.0	14.2446	0.3	4	14.3110	0.0	0.0	13.8740	3.1	5	14.4290	0.0	0.0	14.3029	0.9	6	14.4631	0.0	0.0	14.4303	0.2	7	14.3250	0.0	0.0	14.1882	1.0	8	14.3308	0.0	0.0	13.9232	2.8	9	14.2124	0.0	0.0	14.1765	0.3	10	14.6687	0.0	0.0	14.6515	0.1	Average:		0.0	s	Average:	0.9		
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	<u>3. Acceptance criteria</u>	Standard deviation:	1.1																																																																									
	To pass the test, the fabric shall meet the criteria below:																																																																											
	* Fragments or residues of the fabric that fall to the bottom of the test chamber shall not continue to burn for more than an average of 2s per set of 10 samples.																																																																											
	* The average weight loss per set of 10 samples shall not exceed 40%.																																																																											
	* No single sample's mass loss shall deviate more than 3 standard deviations from the average.																																																																											
	<u>4. Conclusion</u>																																																																											
	Based on the obtained results and the acceptance criteria, the fabric:																																																																											
	<input checked="" type="checkbox"/> passes the test <input type="checkbox"/> fails the test																																																																											



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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.

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