



N° 1489  
CONSIGLIO NAZIONALE CHIMICI



**CENTRO SERVIZI TESSILI s.r.l.**  
**Laboratorio analisi chimiche e prove fisiche**

**LUILOR FABRIC TEST**

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PHYSICAL TESTS	RESULT	TESTING METHODS
<b>Ignitability of upholstery composites</b>  <b>Ignition source 0 : cigarette</b>	<b>Results :</b> <i>Post Ignition</i> : no <i>flame</i> : no <i>smoke</i> : no  <b>Extent of damage to component :</b> <u>Horizontal</u> : Width : 15 mm , Length: 32 mm <u>Vertical</u> : Width : 13 mm , Length: 32 mm  <b>Result : PASS</b>	<b>BS 5852</b> <b>Schedule 4</b> <b>part 1</b> <i>Identification and construction of test specimens</i> : CMHR d=24-26 Kg/m <sup>3</sup> in a seat/back configuration and covered by the fabric to be tested. <i>Time of ignition</i> : 20 sec. <i>Conditioning of material</i> : 48hr - 20°C - 65% r.h.
<b>Ignitability of upholstery composites</b>  <b>Ignition source 1 : butane</b>	<b>1<sup>st</sup> flame application:</b> On contact with the butane flame the cover material does not melt but ignite. The sample ignite after removal of the flame and burn for 2 sec. Smoke duration and /or smouldering 11 sec. <b>Extent of damage to component :</b> <u>Horizontal</u> : Width : 41 mm , Length: 26 mm <u>Vertical</u> : Width : 58 mm , Length: 61 mm  <b>Result : sample Pass the test. Not Ignition</b>	<b>BS 5852</b> <b>Schedule 5</b> <b>part 1</b> <i>Identification and construction of test specimens</i> : CMHR d=24-26 Kg/m <sup>3</sup> in a seat/back configuration and covered by the fabric to be tested. <i>Time of ignition</i> : 20 sec. <i>Conditioning of material</i> : 48hr - 20°C - 65% r.h.

PHYSICAL TESTS	RESULT	TESTING METHODS
<b>Flammability Test</b>	<p><b>LENGTH</b> No smouldering. No open flaming. Vertical damage of cover fabric is less than 45 mm.</p> <p><b>WIDTH</b> No smouldering. No open flaming. Vertical damage of cover fabric is less than 45 mm.</p> <p><b>RESULT</b> in accordance to 1.4 criteria : <b>PASS</b></p>	<p>California Technical Bulletin 117: 2013 + 2015</p> <p><b>SECTION 1</b> Cover fabric test</p>

PHYSICAL TESTS	RESULT	TESTING METHODS
<p><b>Ignitability of upholstery composites</b></p> <p><b>Ignition source 0 : cigarette</b></p>	<p><b>Results :</b> <i>Post Ignition</i> : no <i>flame</i>: no <i>smoke</i> : no</p> <p><b>Extent of damage to component :</b> <u>Horizontal</u> : Width : 18 mm , Length: 34 mm <u>Vertical</u> : Width : 16 mm , Length: 31 mm</p> <p><b>Result : PASS</b></p>	<p><b>EN 1021 - 1</b></p> <p><i>Identification and construction of test specimens : CMHR d=24-26 Kg/m<sup>3</sup> in a seat/back configuration and covered by the fabric to be tested.</i> <i>Time of ignition : 259 sec.</i> <i>Conditioning of material : 48hr - 20°C - 65% r.h.</i></p>
<p><b>Ignitability of upholstery composites</b></p> <p><b>Ignition source 1 : butane</b></p>	<p><b>1<sup>st</sup> flame application:</b> On contact with the butane flame the cover material does not melt but ignite. The sample ignite after removal of the flame and burn for 1 sec. Smoke duration and smouldering 8 sec.</p> <p><b>Extent of damage to component :</b> <u>Horizontal</u> : Width : 37 mm , Length: 29 mm <u>Vertical</u> : Width : 55 mm , Length: 68 mm</p> <p><b>Result : sample Pass the test. Not Ignition</b></p>	<p><b>EN 1021 - 2</b></p> <p><i>Identification and construction of test specimens : CMHR d=24-26 Kg/m<sup>3</sup> in a seat/back configuration and covered by the fabric to be tested.</i> <i>Time of ignition : 20 sec.</i> <i>Conditioning of material : 48hr - 20°C - 65% r.h.</i></p>

I risultati enunciati si riferiscono esclusivamente al campione testato, e non a lotti o partite di pezzi. I campioni verranno da noi conservati 30 gg. dalla data di emissione del rapporto, oltre i quali non saremo più responsabili di eventuali contestazioni

Tecnico di laboratorio  
**Cristiano Benigni**

Responsabile di laboratorio  
**Dott. Simone Calamai**



Via 5 giornate di Milano n°24  
Tel. +39 0574 622887 fax +39 0574 1660601

59100 PRATO  
e-mail: [centroservizitessili@libero.it](mailto:centroservizitessili@libero.it)