

N° 1489  
CONSIGLIO NAZIONALE CHIMICI

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**Laboratorio analisi chimiche e prove fisiche**  
**TEXDECOR CASAMANCE**

**FABRIC TEST**  
**Lab. ref. N° 26476**

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Col.:

PHYSICAL TESTS	RESULT	TESTING METHODS
<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 melt and ignite. The sample ignite after removal of the flame and burn for 3 sec. . Smoke duration and or smouldering 16 sec. <b>Extent of damage to component :</b> <u>Horizontal</u> : Width : 70 mm , Length: 21 mm <u>Vertical</u> : Width : 81 mm , Length: 144 mm  <b>Result : sample Pass the test. Not Ignition</b>	<b>EN 1021 - 2</b>  <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>
<b>Ignitability of upholstery composites</b>  <b>Ignition source 0 : cigarette</b>	<b>Results :</b> <i>Post Ignition : no</i> <i>flame: no</i> <i>smoke : no</i>  <b>Extent of damage to component :</b> <u>Horizontal</u> : Width : 23 mm , Length: 36 mm <u>Vertical</u> : Width : 21 mm , Length: 33 mm  <b>Result : PASS</b>	<b>EN 1021 - 1</b>  <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>
<b>Flammability Test</b>	<b>LENGTH</b> No smouldering. No open flaming. Vertical damage of cover fabric is less than 45 mm.  <b>WIDTH</b> No smouldering. No open flaming. Vertical damage of cover fabric is less than 45 mm..  <b>RESULT</b> in accordance to 1.4 criteria : <b>PASS</b>	<b>California Technical Bulletin 117: 2013 + 2015</b>  <b>SECTION 1</b> <b>Cover fabric test</b>

PHYSICAL TESTS	RESULT	TESTING METHODS
Smouldering cigarette test	<p>Smouldering rate of cigarette : 9 min. 44 sec. / 50mm</p> <p>Extent of damage of specimen measured from the ignition source : 12 mm</p> <p>Occurrence of progressive smouldering within 3600 sec. from the positioning of the cigarette : NO</p> <p>Occurrence of combustion within 3600 sec. from the positioning of the cigarette : NO</p> <p>Result : PASS</p>	IMO 2010 FTP Code Part 8
Propane flame test	<p>Extent of damage of specimen measured from the ignition source : 48 mm</p> <p>Occurrence of progressive smouldering detecting after 120 sec. from burner removal : NO</p> <p>Occurrence of flaming combustion after 120 sec. from burner removal : NO</p> <p>Time at flaming combustion extinguishes : 11 sec.</p> <p>Result : PASS</p>	IMO 2010 FTP Code Part 8

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