

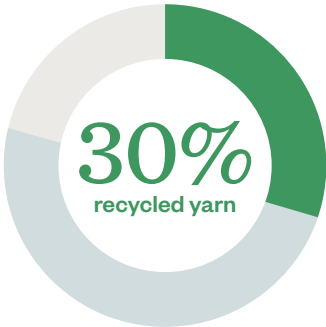



## fire resistant

| General Information  | Specifications  | Care  |                 |                    |                    |                    |                 |                    |               |  |                 |  |
|--|---|---|-----------------|--------------------|--------------------|--------------------|-----------------|--------------------|---------------|--|-----------------|--|
|  <p><b>Composition</b><br/>49%PP 21%MA 16%CO REC 14%PES REC</p> <p><b>Width</b><br/>140 + 4cm</p> <p><b>Weight</b><br/>457 gr/m<sup>2</sup> ± 5 %<br/>640 gr/lm ± 5 %</p> <p><b>Custom code</b><br/>UE: 5407.83.00<br/>USA: 5407.83.00.90</p> <p><b>Laboratory test number</b><br/>801.782/0608<br/>801.945</p> | <p><b>Seam slippage resistance (mm)</b><br/>Warp: 2,00<br/>Weft: 2,00<br/>EN ISO 13936/2:2004</p> <p><b>Abrasion resistance (End point)</b><br/>35.000 EN ISO 12947-2:2016</p> <p><b>Abrasion resistance (change of aspect: 3000 cycles)</b><br/>4 EN ISO 12947/4:1998<br/>and EN 14465:2003 (Annex A)</p> <p><b>Pilling resistance</b><br/>5 EN ISO 12945/2:2000</p> <p><b>Lightfastness</b><br/>&gt;6 EN ISO 105-B02:1998<br/>and 105 B02/A01:2002</p> <p><b>Colour fastness to rubbing</b><br/>Dry: 4-5<br/>Wet: 4-5<br/>EN ISO 105-X12:2002</p> | <p><b>Washing conditions</b></p>  <p><b>Soiling and cleanability</b><br/>4 FORD FLTM BN 112-08:2005</p> <p><b>Dimensional change domestic washing and drying (%)</b><br/>Warp: -1<br/>Weft: -1<br/>EN ISO 3759:2008, EN ISO 6330:2000<br/>and EN ISO 5077:2008</p> <p>When confectioning or washing the sofa cover with velcro please attach a protective cloth.</p> <p><b>Ignitability</b></p> <table border="0"> <tr> <td>BS5852 Source 0</td> <td>EN1021-Part 2:2006</td> </tr> <tr> <td>EN1021-Part 1:2006</td> <td>BS 7176 Low Hazard</td> </tr> <tr> <td>CAL TB 117:2013</td> <td>UNI 9175 Clase 3IM</td> </tr> <tr> <td>NFPA 260:2013</td> <td></td> </tr> <tr> <td>BS5852 Source 1</td> <td></td> </tr> </table> | BS5852 Source 0 | EN1021-Part 2:2006 | EN1021-Part 1:2006 | BS 7176 Low Hazard | CAL TB 117:2013 | UNI 9175 Clase 3IM | NFPA 260:2013 |  | BS5852 Source 1 |  |
| BS5852 Source 0  | EN1021-Part 2:2006  |   |                 |                    |                    |                    |                 |                    |               |  |                 |  |
| EN1021-Part 1:2006   | BS 7176 Low Hazard  |   |                 |                    |                    |                    |                 |                    |               |  |                 |  |
| CAL TB 117:2013  | UNI 9175 Clase 3IM  |   |                 |                    |                    |                    |                 |                    |               |  |                 |  |
| NFPA 260:2013  |   |   |                 |                    |                    |                    |                 |                    |               |  |                 |  |
| BS5852 Source 1  |   |   |                 |                    |                    |                    |                 |                    |               |  |                 |  |

## Environmental considerations

|   |  |   |
|---|--|---|
|  <p><b>30%</b><br/>recycled yarn</p> <p>14% GRS recycled PET bottles<br/>16% Recycled CO<br/>49% Low impact yarn (PP)<br/>21% MA</p> | <p><b>Life cycle analysis</b><br/>Cradle to gate assessment. From raw material extraction to finished fabric: resources, yarn production and dyeing, fabric weaving and finishing, waste recycling.</p> <p><b>Carbon footprint</b><br/><b>2,65</b> kg CO<sub>2</sub> eq / m<br/><u>1,85% less since 2020</u></p> <p><b>Water consumption</b><br/><b>107,72</b> liters / m<br/><u>0,21% less since 2020</u></p> |  <p><b>UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH</b><br/>Escola Superior d'Enginyeries Industrial, Aeroespacial i Audiovisual de Terrassa</p> <p>Study realized in collaboration with UPC</p> <p>Methodology:<br/>Life Cycle Analysis. ISO 14040 standard.</p> <p>Functional unit:<br/>1 linear meters, 140 cm width.</p> <p>Database:<br/>Own data, Ecoinvent 3.6 database and published data.</p> <p>Calculation methodology:<br/>Aware V1.02<br/>ReCiPe Midpoint (H) 2016 v1.04<br/>ReCiPe Endpoint (H) 2016 v1.04<br/>IPCC 2013 GWP 100a v1.03<br/>Software: SimaPro 9.4.01</p> |
|---|--|---|

Designed and Crafted  
in Terrassa (Barcelona)

