1 DESCRIPTION

- Bi-Axial and unidirectional
  The fabric is a blend of co-mingled flax and thermoplastic fibers
  Made from flax hackled sliver, untwisted and parallel
  Partially biobased and renewable material
  Compatible with high speed process
  Implementation temperature PLA: 185°C, PP: 195°C

- Slivers advantages:
  > Fibers integrity
  > Economic
  > Flax fibers characterization
  > Tracability

<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
<th>THERMOPLASTIC FIBERS</th>
<th>FLAX FIBERS VOLUME (% OF TOTAL)</th>
<th>WIDTH (MM)</th>
<th>ROLLER PACKAGING (M²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML4</td>
<td>Bi-Axial 2X 45° 350 g/m² of flax</td>
<td>Add to the reference PP or PLA</td>
<td>Add to reference 30, 40 or 50 %</td>
<td>1530</td>
<td>60</td>
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<tr>
<td>ML102G</td>
<td>Bi-Axial 0X90° 400 g/m² of flax</td>
<td>Add to the reference PP or PLA</td>
<td>Add to reference 30, 40 or 50 %</td>
<td>Polyester grid 3X3 6.5g/m²</td>
<td>1220</td>
<td>100</td>
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</tbody>
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<tr>
<td>UD002G</td>
<td>Unidirectional 0° 200 g/m² of flax</td>
<td>Add to the reference PP or PLA</td>
<td>Add to reference 30, 40 or 50 %</td>
<td>Polyester grid 3X3 6.5g/m²</td>
<td>1200</td>
<td>100</td>
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<tr>
<td>UD004G</td>
<td>Unidirectional 0° 400 g/m² of flax</td>
<td>Add to the reference PP or PLA</td>
<td>Add to reference 30, 40 or 50 %</td>
<td>Polyester grid 3X3 6.5g/m²</td>
<td>1200</td>
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2 PRIVILEGED IMPLEMENTATIONS

- Calendering

- Thermocompression

3 ADVANTAGES

- Density of 1.5g/m²
- Good rigidity
- Good fatigue resistance
- High shocks resistance
- Very good vibrations absorption
- Good sound and thermal insulation

4 APPLICATIONS

- Sailing
- Industries
- Design
- Automotive
- Sports and leisure
- Building
- Aeronautic
- Railway
- Furniture

TERRE DE LIN GROUP

- FROM FLAX FIBERS TO COMPOSITES
  - 650 FARMERS
  - 250 EMPLOYEES
- WORLDWIDE LEADER OF FLAX FIBERS PRODUCTION
- 145 MILLIONS EUROS OF TURNOVER
- FRENCH PRODUCTION

CONTACT SUPPORT:

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