### Physical Properties

<table>
<thead>
<tr>
<th>Test method</th>
<th>Unit</th>
<th>150</th>
<th>200</th>
<th>250</th>
<th>300</th>
<th>350</th>
<th>400</th>
<th>500</th>
<th>600</th>
<th>700</th>
<th>800</th>
<th>1000</th>
<th>1200</th>
<th>1500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight g/m²</td>
<td></td>
<td>150</td>
<td>200</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
<td>500</td>
<td>600</td>
<td>700</td>
<td>800</td>
<td>1000</td>
<td>1200</td>
<td>1500</td>
</tr>
<tr>
<td>Thickness mm</td>
<td>EN ISO 9863-1</td>
<td>1.00</td>
<td>1.20</td>
<td>1.40</td>
<td>1.60</td>
<td>1.80</td>
<td>2.00</td>
<td>2.30</td>
<td>2.60</td>
<td>2.90</td>
<td>3.30</td>
<td>4.00</td>
<td>4.50</td>
<td>6.40</td>
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</tbody>
</table>

#### Tolerance

- ±10%
- ±20%

### Mechanical Properties

<table>
<thead>
<tr>
<th>Test method</th>
<th>Unit</th>
<th>1.0</th>
<th>1.6</th>
<th>2.0</th>
<th>2.4</th>
<th>2.8</th>
<th>3.2</th>
<th>4.0</th>
<th>5.4</th>
<th>6.7</th>
<th>8.0</th>
<th>10.0</th>
<th>12.0</th>
<th>15.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength</td>
<td>kN/m</td>
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<tr>
<td>EN ISO 10319</td>
<td>md</td>
<td>1.0</td>
<td>1.6</td>
<td>2.0</td>
<td>2.4</td>
<td>2.8</td>
<td>3.2</td>
<td>4.0</td>
<td>5.4</td>
<td>6.7</td>
<td>8.0</td>
<td>10.0</td>
<td>12.0</td>
<td>15.0</td>
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</tbody>
</table>

#### Tolerance

- ±10%
- ±20%

<table>
<thead>
<tr>
<th>Test method</th>
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<th>50</th>
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<th>60</th>
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<th>80</th>
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</thead>
<tbody>
<tr>
<td>Elongation at max load</td>
<td>%</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
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#### Tolerance

- ±30%

### Hydraulic properties

<table>
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<th>25</th>
<th>20</th>
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<th>10</th>
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</thead>
<tbody>
<tr>
<td>Permeability normal to the plane</td>
<td>mm/s</td>
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</tbody>
</table>

#### Tolerance

- ±30%

### Durability properties

<table>
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<th>35</th>
<th>30</th>
<th>30</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening size</td>
<td>µm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>EN ISO 12956</td>
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<td>55</td>
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<td>35</td>
<td>30</td>
<td>30</td>
<td>20</td>
</tr>
</tbody>
</table>

#### Tolerance

- ±30%

### Weathering resistance

- EN 12224
- Passes EN 12224 weathering test. It is highly recommended that the geotextile is covered within 15 days from the day of installation. The material can be exposed to sunlight with a degradation of the mechanical properties depending on season.

### Oxidation resistance

- EN 13438
- Forecast minimum durability of 5 years for every application in natural grounds with 4<pH<9 and soil temperature <25°C

The values given are an average obtained in our laboratories and in official testing institutes

The confidence level is 95%

We reserve the right to make changes at any time without notice