**Mechanical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical data (dry)</th>
<th>Unit</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stress at break</td>
<td>145</td>
<td>MPa</td>
<td>ISO 527</td>
</tr>
<tr>
<td>Strain at break</td>
<td>4</td>
<td>%</td>
<td>ISO 527</td>
</tr>
<tr>
<td>Flexural strength</td>
<td>215</td>
<td>MPa</td>
<td>ISO 178</td>
</tr>
<tr>
<td>Flexural modulus</td>
<td>8500</td>
<td>MPa</td>
<td>ISO 178</td>
</tr>
<tr>
<td>Charpy Impact strength (+23°C)</td>
<td>50</td>
<td>kJ/m²</td>
<td>ISO 179</td>
</tr>
<tr>
<td>Charpy notched Impact strength (+23°C)</td>
<td>10</td>
<td>kJ/m²</td>
<td>ISO 179</td>
</tr>
</tbody>
</table>

**Thermal properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical data</th>
<th>Unit</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting temperature, 10°C/min</td>
<td>220</td>
<td>°C</td>
<td>ISO 11357</td>
</tr>
<tr>
<td>Temp. of deflection under load (1.80 MPa)</td>
<td>200</td>
<td>°C</td>
<td>ISO 75</td>
</tr>
</tbody>
</table>

**Other**

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical data</th>
<th>Unit</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humidity absorption</td>
<td>1.9</td>
<td>%</td>
<td>ISO 62</td>
</tr>
<tr>
<td>Surface resistivity</td>
<td>10¹²</td>
<td>Ω</td>
<td>IEC 60093</td>
</tr>
<tr>
<td>Mold shrinkage</td>
<td>0.3/0.9</td>
<td>%</td>
<td>ISO 294-4</td>
</tr>
<tr>
<td>Density</td>
<td>1350</td>
<td>kg/cm³</td>
<td>ISO 1183</td>
</tr>
</tbody>
</table>

**Recommendations for Injection molding**

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical data</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Injection molding temperature</td>
<td>250-280</td>
<td>°C</td>
</tr>
<tr>
<td>Mold temperature</td>
<td>50-80</td>
<td>°C</td>
</tr>
<tr>
<td>Drying temperature</td>
<td>80</td>
<td>°C</td>
</tr>
<tr>
<td>Drying time</td>
<td>4-8</td>
<td>H</td>
</tr>
<tr>
<td>Moisture content before processing</td>
<td>&lt;0,15</td>
<td>%</td>
</tr>
</tbody>
</table>

**Characteristics**

Designed for the production of injection molding of various products and parts in the automotive, machinery, household appliances and other industries.