T 30 G

T 30 G is a polypropylene homopolymer for injection moulding applications. T 30 G combines high stiffness and fairly good impact strength with good processability. The grade is suitable for a wide range of applications such as housewares, caps, closures, small containers, toys, parts for small appliances and components for the automotive industry.
<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>METHOD (b)</th>
<th>UNIT</th>
<th>TYPICAL VALUE (a)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical properties</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melt flow rate (230°C, 2.16 kg)</td>
<td>ISO 1133, ISO 1183</td>
<td>Dg / min g/cm³</td>
<td>3.2, 0.9</td>
</tr>
<tr>
<td>Density</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mechanical properties</strong></td>
<td>ISO 178, ISO 527</td>
<td>N/mm², N/mm²</td>
<td>1450, 34</td>
</tr>
<tr>
<td>Flexural modulus</td>
<td>ISO R 527, ISO R 527</td>
<td>%</td>
<td>13</td>
</tr>
<tr>
<td>Tensile strength, yield</td>
<td>ISO 180, ISO 868</td>
<td>kJ/m³, Points</td>
<td>5, 71</td>
</tr>
<tr>
<td>Elongation at yield</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IZOD impact strength, Notched at 23°C</td>
<td>ISO 180, ISO 868</td>
<td>°C</td>
<td>155</td>
</tr>
<tr>
<td>Hardness Shore D</td>
<td></td>
<td>°C</td>
<td>110</td>
</tr>
<tr>
<td><strong>Thermal properties</strong></td>
<td>ISO 383/A, ISO 759</td>
<td>hours</td>
<td>360</td>
</tr>
<tr>
<td>Vicat softening point (9.8 N)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H.D.T. (0.46 Mpa)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accelerated oven ageing in air</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(forced circulation at 150°C)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- T 30 G is suitable for food contact.

a) Values shown are averages and are not to be considered as product specification. These values may shift slightly as additional data are accumulated.
b) ISO test methods are the latest under the society's current procedure. All specimens are prepared by injection moulding.