**TYPICAL MATERIAL PROPERTIES**

<table>
<thead>
<tr>
<th>Physical</th>
<th>Nominal Values</th>
<th>ASTM Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.22</td>
<td>D792</td>
</tr>
<tr>
<td>Melt Flow (230°C/3.8 kg)</td>
<td>8.0 g/10 min</td>
<td>D1238</td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tensile Modulus</td>
<td>320,000 psi</td>
<td>D638</td>
</tr>
<tr>
<td>Tensile Strength @ Yield</td>
<td>5,500 psi</td>
<td>D638</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>330,000 psi</td>
<td>D790</td>
</tr>
<tr>
<td>Flexural Strength @ Yield</td>
<td>9,500 psi</td>
<td>D790</td>
</tr>
<tr>
<td><strong>Impact</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notched Izod Impact (73°F, 0.125 in)</td>
<td>3.0 ft-lb/in</td>
<td>D256</td>
</tr>
<tr>
<td><strong>Thermal</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DTUL @ 264 psi-unannealed (0.125 in)</td>
<td>170 °F</td>
<td>D648</td>
</tr>
<tr>
<td><strong>Mold Shrinkage</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Linear Flow</td>
<td>.005 - .008 in/in</td>
<td>D955</td>
</tr>
<tr>
<td><strong>UL Rating</strong></td>
<td>V0 (1.5 mm); V-0 5VA (3.0 mm)</td>
<td>UL 94</td>
</tr>
</tbody>
</table>

The information provided above is based upon typical values, and are intended only as guides. Star Plastics, Inc/SDR Inc. assumes no obligation or liability for any advice furnished or for any results obtained with respect to this information. No guarantees or warranties are expressed or implied.

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**RECOMMENDED PROCESSING GUIDELINES**

<table>
<thead>
<tr>
<th>Nominal Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drying Time and Temperature</td>
</tr>
<tr>
<td>Suggested Max Moisture</td>
</tr>
<tr>
<td>Rear Temperature</td>
</tr>
<tr>
<td>Middle Temperature</td>
</tr>
<tr>
<td>Front Temperature</td>
</tr>
<tr>
<td>Nozzle Temperature</td>
</tr>
<tr>
<td>Processing (Melt) Temperature</td>
</tr>
<tr>
<td>Mold Temperature</td>
</tr>
<tr>
<td>Back Pressure</td>
</tr>
<tr>
<td>Screw Speed</td>
</tr>
</tbody>
</table>

The conditions listed above are only guidelines. You may want to adjust conditions to meet your requirements.