HTM Polysulfone

PSU

HTM polysulfone PSU is an amorphous rigid and strong, high temperature thermoplastic that can be injection molded, extruded or thermoformed into a wide range of shapes and parts for various applications. HTM PSU resins offer a superior combination of high-performance properties that include:

- Excellent thermal stability
- High toughness and strength
- Good environmental stress cracking resistance
- High heat deflection temperature, 174°C (345°F)
- Combustion resistance
- Dimensional stability
- Low shrinkage
- Transparency
- Low creep

HTM PSU Resins for Extrusion, Compounding and Injection Molding Applications

<table>
<thead>
<tr>
<th>Product Grade</th>
<th>Supply Form</th>
<th>Melt Flow Rate (g/10min, @ 345°C/5.0 kg)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSU-1000</td>
<td>Pellets</td>
<td>15</td>
<td>High viscosity for extrusion and injection molding</td>
</tr>
<tr>
<td>PSU-1200</td>
<td>Pellets</td>
<td>25</td>
<td>Medium viscosity for extrusion, compounding and injection molding</td>
</tr>
<tr>
<td>PSU-1600</td>
<td>Pellets</td>
<td>35</td>
<td>Medium viscosity with higher flow for compounding and injection molding</td>
</tr>
</tbody>
</table>

Contact Information

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