HTM Polyphenylsulfone

PPSU

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

- High heat deflection temperature of 207°C (405°F)
- Superior toughness and impact strength
- Exceptional long-term hydrolytic stability
- Withstands repeated steam sterilization without meaningful loss of properties
- Better chemical resistance than polysulfone (PSU) and polyetherimide (PEI)
- Inherently flame retardant
- Transparent
- Colorable

<table>
<thead>
<tr>
<th>Product Grade</th>
<th>Supply Form</th>
<th>Melt Flow Rate (g/10min, @ 365°C/5.0 kg)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPSU-3200</td>
<td>Pellets</td>
<td>18</td>
<td>General purpose low flow for extrusion and injection molding</td>
</tr>
<tr>
<td>PPSU-3400</td>
<td>Pellets</td>
<td>30</td>
<td>Medium flow for extrusion, compounding and injection molding</td>
</tr>
<tr>
<td>PPSU-3600</td>
<td>Pellets</td>
<td>40</td>
<td>High flow for compounding and injection molding</td>
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</tbody>
</table>

Contact Information
HT Materials Corporation
634 Plank Road, Suite 202
Clifton Park, NY 12065, USA
Tel (518) 291-4657
Email: sales@htmaterials.com
Web: www.htmaterials.com

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