Metocene HM650V

Metallocene PP Homopolymer

Product Description
Metocene HM650V is a metallocene-catalyzed homopolymer for compounding and injection molding with very high melt flow rate. Metocene HM650V has an excellent stiffness, outstanding organoleptic properties and a low warpage.

Regulatory Status
For regulatory compliance information, see Metocene HM650V Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status
Commercial: Active

Availability
Europe

Application
Automotive Parts; Containers; Polymer Modifier

Market
Automotive; Compounding; Consumer Products; Rigid Packaging

Processing Method
Injection Molding

Attribute
Excellent Stiffness; Good Flow; Low to No Odor; Low Viscosity; Low Warpage

Typical Properties

<table>
<thead>
<tr>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melt Flow Rate, (230 °C/2.16 kg)</td>
<td>150 g/10 min</td>
<td>ISO 1133-1</td>
</tr>
<tr>
<td>Density</td>
<td>0.90 g/cm³</td>
<td>ISO 1183-1</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>1450 MPa</td>
<td>ISO 178</td>
</tr>
<tr>
<td>Tensile Stress at Yield, (23 °C)</td>
<td>35 MPa</td>
<td>ISO 527-1,-2</td>
</tr>
<tr>
<td>Tensile Strain at Yield, (23 °C)</td>
<td>7 %</td>
<td>ISO 527-1,-2</td>
</tr>
<tr>
<td>Charpy Impact Strength - Unnotched, (23 °C)</td>
<td>50 kJ/m²</td>
<td>ISO 179-1/1eU</td>
</tr>
<tr>
<td>Vicat Softening Temperature, (B50)</td>
<td>98 °C</td>
<td>ISO 306</td>
</tr>
<tr>
<td>DSC Melting Point</td>
<td>154 °C</td>
<td>ISO 11357-3</td>
</tr>
</tbody>
</table>
Notes
These are typical property values not to be construed as specification limits.

Processing Techniques
Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information
For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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