Adstif®HA600U

Polypropylene, Homopolymer

Product Description
Adstif®HA600U is a polypropylene homopolymer. Adstif®HA600U is suitable for injection moulding applications and can also be used in technical compounds as a flow modifier. It has a high melt flow rate and it is supplied in pelletized form.

Regulatory Status
For regulatory compliance information, see Adstif®HA600U Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status
Commercial: Active

Availability
Africa-Middle East; Europe

Application
Automotive Parts; Polymer Modifier

Market
Automotive; Compounding; Rigid Packaging

Processing Method
Injection Molding

Attribute
High Flow; High Rigidity; High Stiffness; Low Viscosity

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>70</td>
<td>g/10 min</td>
</tr>
<tr>
<td>Density</td>
<td>0.90</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Tensile Modulus, (23 °C)</td>
<td>1550</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Stress at Break</td>
<td>16.1</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Stress at Yield</td>
<td>34.5</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Strain at Break</td>
<td>260</td>
<td>%</td>
</tr>
<tr>
<td>Tensile Strain at Yield</td>
<td>9.2</td>
<td>%</td>
</tr>
<tr>
<td>Charpy Impact Strength - Notched, (23 °C)</td>
<td>1.8</td>
<td>kJ/m²</td>
</tr>
<tr>
<td>Vicat Softening Temperature, (B50)</td>
<td>94</td>
<td>°C</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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