Technical Data Sheet
Adstif HA748L
Polypropylene, Homopolymer

Product Description
Adstif HA748L is a high crystallinity polypropylene homopolymer with very good long term thermal stability, high stiffness, high HDT, good surface hardness, and good pigment dispersion. Typical customer applications are parts of electric appliances such as rice cooker, microwave oven, electric kettle, as well as food containers, housewares and base resin of compounds.

Regulatory Status
For regulatory compliance information, see Adstif HA748L Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status
Commercial: Active

Availability
Africa-Middle East; Asia-Pacific; Australia and New Zealand

Application
Housewares; Small Appliances

Market
Consumer Products; Electrical / Electronics

Processing Method
Injection Molding

Attribute
Good Thermal Aging Resistance; High Stiffness; Homopolymer

<table>
<thead>
<tr>
<th>Typical Properties</th>
<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>5</td>
<td>g/10 min</td>
<td>ASTM D1238</td>
</tr>
<tr>
<td>Density</td>
<td>0.90</td>
<td>g/cm³</td>
<td>ASTM D792</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>2000</td>
<td>MPa</td>
<td>ASTM D790</td>
</tr>
<tr>
<td>Tensile Strength at Yield</td>
<td>39</td>
<td>MPa</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Tensile Elongation at Yield</td>
<td>8</td>
<td>%</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Notched Izod Impact Strength, (23 °C)</td>
<td>30</td>
<td>J/m</td>
<td>ASTM D256</td>
</tr>
<tr>
<td>Rockwell Hardness, (R-Scale)</td>
<td>110</td>
<td></td>
<td>ASTM D785</td>
</tr>
<tr>
<td>Deflection Temperature Under Load, (0.46 N/mm²)</td>
<td>120</td>
<td>°C</td>
<td>ASTM D648</td>
</tr>
</tbody>
</table>
Notes
These are typical property values not to be construed as specification limits.

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

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