Technical Data Sheet

Adstif® HA849K

Polypropylene, Homopolymer

Product Description

Adstif® HA849K is a very high stiffness and high clarity polypropylene homopolymer with very high stiffness, low odor transfer, very high heat resistance. Typical customer applications include thermoformed food containers, high barrier packaging, microwavable packaging that are hot fillable and microwavable with good top load strength.

Regulatory Status

For regulatory compliance information, see Adstif® HA849K Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status
Developmental

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

Application
Clear Containers; Opaque Containers; Thermoformed Food Containers

Market
Consumer Products; Rigid Packaging

Processing Method
Thermoforming

Attribute
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>Physical Melt Flow Rate, (230 °C/2.16 kg)</td>
<td>3.5</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>Mechanical Flexural Modulus</td>
<td>2150</td>
<td>MPa</td>
<td>ASTM D790</td>
</tr>
<tr>
<td>Tensile Strength at Yield</td>
<td>40</td>
<td>MPa</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Tensile Elongation at Yield</td>
<td>7</td>
<td>%</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Impact Notched Izod Impact Strength, (23 °C)</td>
<td>30</td>
<td>J/m</td>
<td>ASTM D256</td>
</tr>
<tr>
<td>Thermal Deflection Temperature Under Load</td>
<td>128</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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