Technical Data Sheet

Adstif EA5074

Polypropylene, Impact Copolymer

Product Description

Adstif EA5074 is a medium flow heterophasic copolymer with low TVOC, good stiffness impact balance, good thermal resistance. Typical customer applications are base resins for compounds for automotive and electrical appliances.

Regulatory Status

For regulatory compliance information, see Adstif EA5074 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status

Commercial: Active

Availability

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

Application

Bumpers; Exterior Automotive Applications; Interior Automotive Applications; Opaque Containers

Market

 Automotive; Compounding; Consumer Products; Rigid Packaging

Processing Method

Compounding; Injection Molding

Attribute

Excellent Stiffness; Good Flow; Good Impact Resistance; Impact Copolymer; Low to No Odor; 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>30</td>
<td>g/10 min</td>
</tr>
<tr>
<td>Density</td>
<td>0.90</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>1600</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Strength at Yield</td>
<td>32</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Elongation at Yield</td>
<td>5</td>
<td>%</td>
</tr>
<tr>
<td>Notched Izod Impact Strength</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(23 °C)</td>
<td>60</td>
<td>J/m</td>
</tr>
<tr>
<td>(-20 °C)</td>
<td>20</td>
<td>J/m</td>
</tr>
<tr>
<td>Rockwell Hardness, (R-Scale)</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>Vicat Softening Point</td>
<td>152</td>
<td>°C</td>
</tr>
<tr>
<td>Deflection Temperature Under Load, (0.46 N/mm²)</td>
<td>133</td>
<td>°C</td>
</tr>
</tbody>
</table>
Notes

These are typical property values not to be construed as specification limits.

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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