Technical Data Sheet

_Hifax_ 0309 NH-696

Polypropylene Compounds

Product Description

_Hifax_ 0309 NH-696 is an impact modified polypropylene, with high melt flow rate offering a good flexibility, high impact resistance, and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in NH-696 color version.

Regulatory Status

For regulatory compliance information, see _Hifax_ 0309 NH-696 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status

Commercial: Active

Availability

Asia-Pacific

Application

Exterior Automotive Applications

Market

Automotive

Processing Method

Injection Molding

Attribute

Good Flexibility; Good UV Resistance; High Flow; High Impact Resistance

Typical Properties

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical</td>
<td>Melt Flow Rate, (230 °C/2.16 kg)</td>
<td>22</td>
<td>g/10 min</td>
</tr>
<tr>
<td>Density, (23 °C)</td>
<td>0.91</td>
<td>g/cm³</td>
<td>ISO 1183-1/A</td>
</tr>
<tr>
<td>Mechanical</td>
<td>Flexural Modulus</td>
<td>240</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Stress at Yield</td>
<td>8</td>
<td>MPa</td>
<td>ISO 527-1,-2</td>
</tr>
<tr>
<td>Tensile Strain at Break</td>
<td>&gt;400</td>
<td>%</td>
<td>ISO 527-1,-2</td>
</tr>
<tr>
<td>Impact</td>
<td>Notched Izod Impact Strength, (23 °C)</td>
<td>No Break</td>
<td>kJ/m²</td>
</tr>
<tr>
<td>Hardness</td>
<td>Shore Hardness, (Shore D)</td>
<td>40</td>
<td></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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