Product Description

Hifax EKG 2037X BLACK is a mixed filler grade, elastomer modified PP, with glass fiber reinforcing and talc filling, high stiffness and good dimensional stability. The product is available in black color, pellet form.

Regulatory Status

For regulatory compliance information, see Hifax EKG 2037X BLACK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status

Commercial: Active

Availability

Europe

Application

Structural Parts

Market

Automotive

Processing Method

Injection Molding

Attribute

Good Dimensional Stability; Good Processability

Typical Properties

<table>
<thead>
<tr>
<th>Property</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>13</td>
<td>g/10 min</td>
<td>ISO 1133-1</td>
</tr>
<tr>
<td>Density, (23 °C)</td>
<td>1.13</td>
<td>g/cm³</td>
<td>ISO 1183-1/A</td>
</tr>
<tr>
<td>Mechanical Flexural Modulus, (23 °C, Tech. A)</td>
<td>5300</td>
<td>MPa</td>
<td>ISO 178/A1</td>
</tr>
<tr>
<td>Tensile Stress at Yield, (23 °C)</td>
<td>57</td>
<td>MPa</td>
<td>ISO 527-1, -2</td>
</tr>
<tr>
<td>Impact Notched Izod Impact Strength (23 °C)</td>
<td>8</td>
<td>kJ/m²</td>
<td>ISO 180/1A</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>kJ/m²</td>
<td>ISO 180/1A</td>
</tr>
<tr>
<td>Thermal Deflection Temperature Under Load,</td>
<td>135</td>
<td>°C</td>
<td>ISO 75B-1, -2</td>
</tr>
<tr>
<td>(0.45 MPa, Unannealed)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Notes

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

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

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

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