**Product Description**

_Hifax TYC 1235X E2 Black_ is a 25 % talc filled PP copolymer with high flowability, high stiffness and good impact resistance. It is typically used for painted automotive exterior trim applications.

**Regulatory Status**

For regulatory compliance information, see _Hifax TYC 1235X E2 BLACK_ [Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS)].

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

**Status**

Under Industrialization

**Availability**

Europe

**Application**

Body Panels; Exterior Automotive Applications

**Market**

Automotive

**Processing Method**

Injection Molding

**Attribute**

Good Dimensional Stability; Good Impact Resistance; Good Moldability; High Flow; High Stiffness; Low Shrinkage; Paintable

<table>
<thead>
<tr>
<th>Typical Properties</th>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melt Flow Rate, (230 °C/2.16 kg)</td>
<td>30</td>
<td>g/10 min</td>
<td>ISO 1133-1</td>
</tr>
<tr>
<td>Density, (23 °C, Method A)</td>
<td>1.07</td>
<td>g/cm³</td>
<td>ISO 1183-1</td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexural Modulus, (23 °C)</td>
<td>2600</td>
<td>MPa</td>
<td>ISO 178</td>
</tr>
<tr>
<td><strong>Impact</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charpy Impact Strength - Notched</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(23 °C)</td>
<td>25</td>
<td>kJ/m²</td>
<td>ISO 179-1/1eA</td>
</tr>
<tr>
<td>(-40 °C)</td>
<td>3</td>
<td>kJ/m²</td>
<td>ISO 179-1/1eA</td>
</tr>
<tr>
<td><strong>Thermal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heat Deflection Temperature B, (0.45 MPa, Unannealed)</td>
<td>110</td>
<td>°C</td>
<td>ISO 758-1,-2</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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