Technical Data Sheet

*Hostacom BC 1177 G C11538*

Polypropylene Compounds

**Product Description**

*Hostacom BC 1177 G C11538* is a 30% talc filled PP copolymer, with medium melt flow, excellent impact/stiffness balance and excellent dimensional stability. This grade is delivered in customized BLACK color version.

**Regulatory Status**

For regulatory compliance information, see *Hostacom BC 1177 G C11538* [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**

Instrument Panels

**Market**

Automotive

**Processing Method**

Injection Molding

**Attribute**

Good Dimensional Stability

<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>8</td>
<td>g/10 min</td>
<td>ISO 1133-1</td>
</tr>
<tr>
<td>Density, (23 °C)</td>
<td>1.12</td>
<td>g/cm³</td>
<td>ISO 1183-1/A</td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexural Modulus, (23 °C, Tech. A)</td>
<td>2500</td>
<td>MPa</td>
<td>ISO 178/A1</td>
</tr>
<tr>
<td><strong>Impact</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notched Izod Impact Strength</td>
<td>8.6</td>
<td>kJ/m²</td>
<td>ISO 180/1A</td>
</tr>
<tr>
<td>(-30 °C)</td>
<td>2.5</td>
<td>kJ/m²</td>
<td>ISO 180/1A</td>
</tr>
<tr>
<td><strong>Thermal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vicat Softening Temperature, (B50)</td>
<td>59</td>
<td>°C</td>
<td>ISO 306</td>
</tr>
</tbody>
</table>

This document is a technical data sheet for *Hostacom BC 1177 G C11538* polypropylene compound. It provides details on the product's properties, regulatory status, and application. The material is intended for use in instrument panels in the automotive market, processed by injection molding. It features good dimensional stability and properties such as melt flow rate and density. The product is not intended for medical, pharmaceutical, food, and drinking water applications. The document includes tables with typical properties and test methods for various properties such as density, melt flow rate, and impact strength. It also contains information on the product's status, availability, and processing methods.
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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