Technical Data Sheet

**Hostacom 5115 2003 (SC BLACK)**

Polypropylene Compounds

**Product Description**
*Hostacom 5115 2003* is a 30% glass fiber reinforced polypropylene, with medium melt flow rate offering a good heat aging resistance. Product is available as non color matched, black, pellet form.

**Regulatory Status**
For regulatory compliance information, see *Hostacom 5115 2003 (SC BLACK)* [Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS)].

**Status**
Commercial: Active

**Availability**
Asia-Pacific

**Application**
Automotive Parts; Underhood

**Market**
Automotive

**Processing Method**
Injection Molding

**Attribute**
Good Heat Aging Resistance; High Rigidity; Medium Flow

### Typical Properties

<table>
<thead>
<tr>
<th>Physical</th>
<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>10</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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mechanical</th>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexural Modulus</td>
<td>5800</td>
<td>MPa</td>
<td>ISO 178</td>
</tr>
<tr>
<td>Tensile Stress at Yield</td>
<td>90</td>
<td>MPa</td>
<td>ISO 527-1, -2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Impact</th>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notched Izod Impact Strength, (23 °C)</td>
<td>11</td>
<td>kJ/m²</td>
<td>ISO 180/1A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thermal</th>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deflection Temperature Under Load, (1.80 MPa, Unannealed)</td>
<td>141</td>
<td>°C</td>
<td>ISO 75A-1, -2</td>
</tr>
</tbody>
</table>

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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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