**Hostacom BJ62A**

**Compounded Polyolefin**

**Product Description**
*Hostacom* BJ62A high melt flow, 4,100 MPa flexural modulus, chemically coupled, 30% glass fiber-reinforced polypropylene copolymer has an excellent balance of physical properties and processability.

**Product Characteristics**

**Status**
Commercial: Active

**Test Method used**
ASTM

**Availability**
North America, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America

**Processing Methods**
Injection Molding

**Features**
Chemically Coupled, Copolymer, High Flow, High Impact Resistance, Good Processability, High Rigidity

**Typical Customer Applications**
Sports, Leisure and Toys, Under-the-Hood & Structural Applications

### Typical Properties

<table>
<thead>
<tr>
<th>Physical</th>
<th>Method</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density - Specific Gravity</td>
<td>ASTM D 792</td>
<td>1.11</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Melt Flow Rate (230°C/2.16kg)</td>
<td>ASTM D 1238</td>
<td>20</td>
<td>g/10 min</td>
</tr>
<tr>
<td>Mechanical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>ASTM D 790</td>
<td>4100</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Strength @ Yield</td>
<td>ASTM D 638</td>
<td>66</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Elongation @ Brk</td>
<td>ASTM D 638</td>
<td>10</td>
<td>%</td>
</tr>
<tr>
<td>Impact</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notched Izod Impact (23 °C)</td>
<td>ASTM D 256</td>
<td>200</td>
<td>J/m</td>
</tr>
<tr>
<td>Unnotched Izod Impact</td>
<td>ASTM D 256</td>
<td>700</td>
<td>J/m</td>
</tr>
</tbody>
</table>

*Note: At 23°C.*

<table>
<thead>
<tr>
<th>Thermal</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DTUL @264psi - Unannealed</td>
<td>ASTM D 648</td>
<td>143</td>
<td>°C</td>
</tr>
</tbody>
</table>

### Additional Information

**Mold shrink, Linear-Flow**
ASTM D 955

0.4%

*Note: After 48 hrs at 23°C (Tool).*

### Additional Properties

Note: Mold shrinkage values are determined on laboratory injection molded 100 mm x 150 mm x 3.2 mm plaques and, as such, are not necessarily representative of actual field data. Since, for example, wall thickness, gate type and location, flow length and paint oven temperature affect final part dimensions, it is recommended that you contact your Basell representative before any tools are cut.

### Notes

Typical properties; not to be construed as specifications.
LyondellBasell markets this product through the following entities:
- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

For the contact details of the LyondellBasell company selling this product in your country, please visit http://www.lyb.com/.

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This product(s) may not be used in:

(i) any U.S. FDA Class I, Health Canada Class I, and/or European Union Class I Medical Devices, without prior notification to Seller for each specific product and application; or

(ii) the manufacture of any of the following, without prior written approval by Seller for each specific product and application: (1) U.S. FDA Class II, Health Canada Class II or Class III, and/or European Union Class II Medical Devices; (2) film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices; (3) packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration; (4) tobacco related products and applications; (5) electronic cigarettes and similar devices; and (6) pressure pipe or fittings that are considered a part or component of a nuclear reactor.

(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Union Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

All references to U.S. FDA, Health Canada, and European Union regulations include another country’s equivalent regulatory classification.

Users should review the applicable Material Safety Data Sheet before handling the product.

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