**Product Description**
*Moplen* EP300H is a polypropylene impact copolymer resin with good cold impact resistance and good dimensional stability. Typical customer applications are corrugated board extrusion, stationery sheets, blow molded bottles, injection molded crates, pails and lids.

**Regulatory Status**
For regulatory compliance information, see *Moplen* EP300H Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

### Status
- **Commercial:** Active

### Availability
- Africa-Middle East; Asia-Pacific; Australia and New Zealand

### Application
- Bottles For Consumer Goods; Bottles for Industrial Use; Corrugated Sheet; Crates; Panels & Profiles; Stationery Film

### Market
- Consumer Products; Industrial Packaging; Rigid Packaging

### Processing Method
- Extrusion Blow Molding; Injection Molding; Sheet

### Attribute
- Low Temperature Impact Resistance

<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>1.8</td>
<td>g/10 min</td>
<td>ASTM D1238</td>
</tr>
<tr>
<td>Density</td>
<td>0.90</td>
<td>g/cm³</td>
<td>ASTM D792</td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>1150</td>
<td>MPa</td>
<td>ASTM D790</td>
</tr>
<tr>
<td>Tensile Strength at Yield</td>
<td>25</td>
<td>MPa</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Tensile Elongation at Yield</td>
<td>9</td>
<td>%</td>
<td>ASTM D638</td>
</tr>
<tr>
<td><strong>Impact</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notched Izod Impact Strength, (23 °C)</td>
<td>No Break</td>
<td></td>
<td>ASTM D256</td>
</tr>
<tr>
<td><strong>Thermal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deflection Temperature Under Load</td>
<td>88</td>
<td>°C</td>
<td>ASTM D648</td>
</tr>
</tbody>
</table>
Notes
These are typical property values not to be construed as specification limits.

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

© LyondellBasell Industries Holdings, B.V. 2018

Disclaimer
Information in this document is accurate to the best of our knowledge at the date of publication. The document is
designed to provide users general information for safe handling, use, processing, storage, transportation,
disposal and release and does not constitute any warranty or quality specification, either express or implied,
including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the
product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or
restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell
representative.

Trademarks
The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.