Product Description
*Moplen* RP346R is a medium flow polypropylene random copolymer resin, with high clarity, excellent flowability, good stiffness impact balance, good dimensional stability. Typical customer applications are thin wall food packaging, clear ISBM bottles, food and household containers and boxes, furniture.

Regulatory Status
For regulatory compliance information, see *Moplen* RP346R Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

### Status
- Developmental

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

### Application
- Bottles For Consumer Goods; Caps & Closures; Clear Containers; Containers; Furniture; Housewares; TWIM Food Containers

### Market
- Consumer Products; Rigid Packaging

### Processing Method
- Injection Blow Molding; Injection Molding; Injection Stretch Blow Molding

### Attribute
- Good Flow; Good Impact Resistance; Good Processability; Good Stiffness; High Clarity; Random Copolymer

### Typical Properties

<table>
<thead>
<tr>
<th>Property</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>25</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>Flexural Modulus</td>
<td>1050</td>
<td>MPa</td>
<td>ASTM D790</td>
</tr>
<tr>
<td>Tensile Strength at Yield</td>
<td>29</td>
<td>MPa</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Tensile Elongation at Yield</td>
<td>13</td>
<td>%</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Notched Izod Impact Strength, (23 °C)</td>
<td>50</td>
<td>J/m</td>
<td>ASTM D256</td>
</tr>
<tr>
<td>Deflection Temperature Under Load</td>
<td>85</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/.

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