Clyrell RC3250

Polypropylene, Random Copolymer

Product Description
Clyrell RC3250 is a high flow and highly modified polypropylene random copolymer. It contains anti-blocking and slip additives.

Clyrell RC3250 is typically used by customers for manufacturing of un-oriented films. Typical applications reported by customers are lamination, textile and packaging of foodstuffs.

Customers have been reporting that films produced using Clyrell/RC3250 offer a good balance of properties such as high clarity, brightness, stiffness and medium seal initiation temperature (SIT).

Regulatory Status
For regulatory compliance information, see Clyrell RC3250 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status
Commercial: Active

Availability
Africa-Middle East; Europe

Application
Food Packaging Film; Textile Packaging Film

Market
Flexible Packaging

Processing Method
Cast Film

Attribute
High Clarity; High Gloss; Medium Temperature Heat Sealability; Random Copolymer; Unspecified Antiblocking; Unspecified Slip

Typical Properties

<table>
<thead>
<tr>
<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>10.5</td>
<td>g/10 min</td>
</tr>
<tr>
<td>Density</td>
<td>0.90</td>
<td>g/cm³</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>1000</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Stress at Break</td>
<td>30</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Stress at Yield</td>
<td>27</td>
<td>MPa</td>
</tr>
<tr>
<td>Tensile Strain at Break</td>
<td>600</td>
<td>%</td>
</tr>
<tr>
<td>Tensile Strain at Yield</td>
<td>11</td>
<td>%</td>
</tr>
<tr>
<td>Charpy Impact Strength - Notched (23 °C)</td>
<td>6</td>
<td>kJ/m²</td>
</tr>
<tr>
<td>Charpy Impact Strength - Notched (0 °C)</td>
<td>2</td>
<td>kJ/m²</td>
</tr>
<tr>
<td>Vicat Softening Temperature, (A/50 N)</td>
<td>130</td>
<td>°C</td>
</tr>
<tr>
<td>Heat Deflection Temperature B, (0.45 MPa, Unannealed)</td>
<td>68</td>
<td>°C</td>
</tr>
</tbody>
</table>
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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