ExxonMobil™ LDPE LD 202.48
Low Density Polyethylene Resin

Product Description
LD 202.48 is an LDPE extrusion coating grade, especially designed for high speed, lightweight extrusion coating applications providing: - high speed processability - good heat sealing properties LD 202.48 offers an excellent coating on non-woven substrates. Its high melt-index combined with low density gives this grade the right balance between : - Adhesion onto non-wovens - Flexibility after coating

General
Availability
- Latin America
- North America
Additive
- LD 202.48: Antiblock: No; Slip: No; Thermal Stabilizer: No
Applications
- Coextrusion Coating
- Demanding Heat Seals
- Document Plastification
- Extrusion Coating
- Extrusion Lamination
- Food Packaging
- High Speed, Thin Weight Coatings
- Non-Woven Coating
- Thermal Lamination
Form(s)
- Pellets
Revision Date
- 03/01/2010

Resin Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value (English)</th>
<th>Typical Value (SI)</th>
<th>Test Based On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>0.915 g/cm³</td>
<td>0.915 g/cm³</td>
<td>ASTM D1505</td>
</tr>
<tr>
<td>Melt Index (190°C/2.16 kg)</td>
<td>12 g/10 min</td>
<td>12 g/10 min</td>
<td>ASTM D1238</td>
</tr>
<tr>
<td>Peak Melting Temperature</td>
<td>219 °F</td>
<td>104 °C</td>
<td>ExxonMobil Method</td>
</tr>
</tbody>
</table>

Thermal

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value (English)</th>
<th>Typical Value (SI)</th>
<th>Test Based On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vicat Softening Temperature</td>
<td>183 °F</td>
<td>84 °C</td>
<td>ASTM D1525</td>
</tr>
</tbody>
</table>

Coating Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value (English)</th>
<th>Typical Value (SI)</th>
<th>Test Based On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Draw Down (Constant output at 35 rpm)</td>
<td>240 m/min</td>
<td>240 m/min</td>
<td>ExxonMobil Method</td>
</tr>
<tr>
<td>Neck-in</td>
<td>164 ft/min (50 m/min), Constant output at 35 rpm</td>
<td>1.6 in</td>
<td>4.1 cm</td>
</tr>
<tr>
<td></td>
<td>328 ft/min (100 m/min), Constant output at 35 rpm</td>
<td>1.4 in</td>
<td>3.6 cm</td>
</tr>
</tbody>
</table>

Legal Statement
Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement
Typical values obtained on a pilot co-extrusion line at ExxonMobil Chemical Europe Technical Center at an air gap of 170 mm (6.7 in).

Notes
Typical properties: these are not to be construed as specifications.

1 Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.