Technical Data Sheet

*Dexflex* 480-UV 848

Polypropylene Compounds

**Product Description**

*Dexflex* 480-UV 848 is a thermoplastic olefinic elastomer (TPO) that is typically used for automotive exterior applications that require excellent low-temperature toughness in large injection molded parts.

**Regulatory Status**

For regulatory compliance information, see *Dexflex* 480-UV 848 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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**Status**

Commercial: Restricted

**Availability**

North America

**Application**

Exterior Automotive Applications

**Market**

Automotive

**Processing Method**

Injection Molding

**Attribute**

Low Temperature Toughness

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<table>
<thead>
<tr>
<th>Property</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>9</td>
<td>g/10 min</td>
<td>ISO 1133-1</td>
</tr>
<tr>
<td>Density, (23 °C)</td>
<td>0.91</td>
<td>g/cm³</td>
<td>ISO 1183-1</td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexural Modulus, (23 °C, 2 mm/min)</td>
<td>1000</td>
<td>MPa</td>
<td>ISO 178</td>
</tr>
<tr>
<td>Tensile Stress at Yield, (23 °C, 50 mm/min, 150x10x4 mm specimen)</td>
<td>19</td>
<td>MPa</td>
<td>ISO 527-1, -2</td>
</tr>
</tbody>
</table>

**Additional Information**

Mold Shrinkage

Please contact LyondellBasell for shrinkage recommendations.
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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