Metocene HM2089

Metallocene PP Homopolymer

Product Description
Metocene HM2089 is a metallocene-catalyzed homopolymer for film applications. The use of metallocene catalysts in the production of these homopolymers results in resins with improved optical and processing characteristics, combined with exceptional purity. Metocene HM2089 doesn’t contain nucleating agent or film additivations such as slip agent. Film produced with Metocene HM2089 will show high stiffness and long dyne retention time.

Regulatory Status
For regulatory compliance information, see Metocene HM2089 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status
Commercial: Active

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

Application
Food Packaging Film; Multi Media Packaging

Market
Consumer Products; Flexible Packaging

Processing Method
Cast Film

Attribute
Heat Sealable; High Clarity

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Nominal Value</th>
<th>Units</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical</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>ASTM D1238</td>
</tr>
<tr>
<td>Density</td>
<td>0.90</td>
<td>g/cm³</td>
<td>ASTM D792</td>
</tr>
<tr>
<td>Mechanical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>1450</td>
<td>MPa</td>
<td>ASTM D790</td>
</tr>
<tr>
<td>Tensile Elongation at Yield</td>
<td>10</td>
<td>%</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Impact</td>
<td>20</td>
<td>J/m</td>
<td>ASTM D256</td>
</tr>
<tr>
<td>Thermal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deflection Temperature Under Load, (0.46 N/mm²)</td>
<td>115</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.