

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 additives 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	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	9	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1450	MPa	ASTM D790
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	20	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	115	°C	ASTM D648

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.