Technical Data Sheet

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	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	9	g/10 min	ASTM D1238
Density	0.90	g/cm³	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/mm²)	115	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

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/.

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