

## 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 additives such as slip agent. Film produced with Metocene HM2089 will show high stiffness and long dyne retention time.

<b>Application</b>	Food Packaging Film; Multi Media Packaging
<b>Market</b>	Consumer Products; Flexible Packaging
<b>Processing Method</b>	Cast Film
<b>Attribute</b>	Heat Sealable; High Clarity

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