

# Metocene HM2089

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>Features</b>	High transparency and gloss/ High stiffness/ High purity/ Low volatile/ Long dyne retention
<b>Market</b>	Flexible Packaging
<b>Application</b>	Film applications/ Lamination film/ Metallized film/ IT protection film

## ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	9	g/10 min	ASTM D1238L
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
Flexural Modulus	14500	kg/cm <sup>2</sup>	ASTM D790
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23°C)	2	kgcm/cm	ASTM D256
Rockwell Hardness	110	R-Scale	ASTM D785
HDT (0.46 N/mm <sup>2</sup> )	115	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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