

Metocene HM2089

Polypropylene Homopolymer

PolyMirae

Message:

Metocene HM2089 is a single site polymerized polypropylene for film applications and Thermoforming applications.
Metocene HM2089 doesn't contain nucleated, or film additivations.
Metocene HM2089 is suitable for food contact.
Films produced with Metocene HM2089 will show very good stiffness and clarity.

General Information			
Features	Additive Free		
	Fuel Resistant		
	Good Stiffness		
	High Clarity		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Cast Film		
	Film		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Cast Film		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Yield, Injection Molded)	9.0	%	ASTM D638
Flexural Modulus (Injection Molded)	1420	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	20	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	114	°C	ASTM D648

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Recommended distributors for this material

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