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Technical Data Sheet

Metocene HM2015

Metallocene PP Homopolymer



Product Description

Metocene HM2015 is a metallocene-catalyzed homopolymer for compounding and injection molding with very high melt flow rate. It contains a basic stabilization package. Metocene HM2015 has an excellant stiffness, outstanding rganoleptic properties and a low warpage.

Application Exterior Automotive Applications; Interior Automotive Applications; Opaque

Containers

Market Automotive; Compounding; Consumer Products; Rigid Packaging

Processing Method Compounding; Injection Molding

Attribute Excellent Stiffness; Good Flow; Good Impact Resistance; Low to No Odor; Low

Warpage

	Nominal		
Typical Properties	Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	140	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1350	MPa	ASTM D790
Tensile Strength at Yield	34	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	20	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	105		ASTM D785
Thermal			
Deflection Temperature Under Load, (0.46 N/mm²)	110	°C	ASTM D648