

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 excellent stiffness, outstanding organoleptic 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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	140	g/10 min	ASTM D1238
Density	0.90	g/cm ³	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/mm ²)	110	°C	ASTM D648