

Technical Data Sheet

Metocene HM650V



Metallocene PP Homopolymer

Product Description

Metocene HM650V is a metallocene-catalyzed homopolymer for compounding and injection molding with very high melt flow rate.

Metocene HM650V has an excellent stiffness, outstanding organoleptic properties and a low warpage.

Application	Automotive Parts; Containers; Polymer Modifier
Market	Automotive; Compounding; Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Excellent Stiffness; Good Flow; Low to No Odor; Low Viscosity; Low Warpage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	150	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1450	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	35	MPa	ISO 527-1, -2
Tensile Strain at Yield, (23 °C)	7	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Unnotched, (23 °C)	50	kJ/m ²	ISO 179-1/1eU
Thermal			
Vicat Softening Temperature, (B50)	98	°C	ISO 306
DSC Melting Point	154	°C	ISO 11357-3