

HiPrene® MR71E

Polypropylene

GS Caltex

Message:

HiPrene® MR71E is a high melt flow, 15% mineral filled polypropylene compound. The grade has been specifically designed for moulding large complex parts that require high impact strength as well as good stiffness. This product is paintable.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Features	Good Stiffness		
	High Flow		
	High Impact Resistance		
	Paintable		
Uses	Automotive Applications		
	Automotive Bumper		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) ¹	42	g/10 min	ISO 1133
Ash Content (600°C)	13 to 17	%	ISO 3451-1A
Volatile Matter	< 0.12	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	15.0	MPa	ISO 527-2/1A/50
Nominal Tensile Strain at Break	25	%	ISO 527-2/1A/50
Flexural Modulus	1300	MPa	ISO 178/B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	35	kJ/m ²	ISO 180/A
NOTE			
1.	Procedure A		

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Recommended distributors for this material

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