

Ferro PP LPP35BC69GY

Polypropylene Homopolymer

Ferro Corporation

Message:

Ferro PP LPP35BC69GY is a Polypropylene Homopolymer (PP Homopolymer) material filled with 35% calcium carbonate. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding. Primary attribute of Ferro PP LPP35BC69GY: Homopolymer.

General Information			
Filler / Reinforcement	Calcium Carbonate,35% Filler by Weight		
Features	Homopolymer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	26.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	40	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	2140	MPa	
Tangent : 23°C	2520	MPa	
Flexural Strength (23°C)	44.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	960	J/m	ASTM D4812
Gardner Impact (23°C)	24.9	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	104	°C	
1.8 MPa, Unannealed	65.6	°C	

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Recommended distributors for this material

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