

Ferro PP LPP40YR03WH

Polypropylene Copolymer

Ferro Corporation

Message:

Ferro PP LPP40YR03WH is a Polypropylene Copolymer (PP Copolymer) material filled with 40% 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 LPP40YR03WH: Copolymer.

General Information			
Filler / Reinforcement	Calcium Carbonate,40% Filler by Weight		
Features	Copolymer		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.0	%	
Across Flow	1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	16.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	200	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	1140	MPa	
Tangent : 23°C	1310	MPa	
Flexural Strength (23°C)	22.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	700	J/m	ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D4812
Gardner Impact (23°C)	29.4	J	ASTM D5420

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Recommended distributors for this material

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