

FERREX® GPP20CS87HB

Polypropylene Copolymer
Ferro Corporation

Message:

FERREX® GPP20CS87HB is a polypropylene copolymer (PP Copoly) material, and its filler is 20% calcium carbonate filler. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. FERREX® The main characteristics of the GPP20CS87HB are: copolymer.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Features	Copolymer		
Appearance	Red		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.2	%	ASTM D955
Transverse flow	1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	15.2	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	150	%	ASTM D638
Flexural Modulus			ASTM D790
1% secant: 23°C	848	MPa	ASTM D790
Tangent: 23°C	931	MPa	ASTM D790
Flexural Strength (Yield, 23°C)	20.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	690	J/m	ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Dart Drop Impact	31.1	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	93.3	°C	ASTM D648
1.8 MPa, not annealed	51.7	°C	ASTM D648
Additional Information			

Filler Content, ASTM D2584: 21%

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Recommended distributors for this material

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