

FERREX® GPP35CN32UL RED

Polypropylene

Ferro Corporation

Message:

FERREX® GPP35CN32UL RED is a Polypropylene material filled with 35% calcium carbonate. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of FERREX® GPP35CN32UL RED are:

Heat Stabilizer

High Gloss

Impact Modified

General Information			
Filler / Reinforcement	Calcium Carbonate,35% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Heat Stabilized		
	High Gloss		
	Impact Modified		
Appearance	Red		
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)	21	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.3	%	
Across Flow	1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	24.8	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	30	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	2090	MPa	
Tangent : 23°C	2540	MPa	
Flexural Strength (23°C)	42.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	620	J/m	ASTM D4812
Gardner Impact (23°C)	18.6	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load		ASTM D648
0.45 MPa, Unannealed	113	°C
1.8 MPa, Unannealed	62.8	°C

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Recommended distributors for this material

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