

FERREX® GPP30CS49UL-GY

Polypropylene
Ferro Corporation

Message:

FERREX®GPP30CS49UL-GY is a polypropylene material, and its filler is 30% calcium carbonate filler. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.
FERREX®The main features of the GPP30CS49UL-GY are:
Good UV resistance
UV stability

General Information			
Filler / Reinforcement	Calcium carbonate filler, 30% filler by weight		
Additive	UV stabilizer		
Features	Good UV resistance		
Appearance	Grey		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	69		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	19.3	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus - Secant	1380	MPa	ASTM D790
Flexural Strength (23°C)	35.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Dart Drop Impact	30.5	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	116	°C	ASTM D648
1.8 MPa, not annealed	57.2	°C	ASTM D648
Additional Information			
Flexural Modulus, ASTM D790, Tangent: 250000 psi			

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