Ferro PP CPP30GF32GY

Polypropylene Homopolymer

Ferro Corporation

Message:

Meets/Exceeds Ford Engineering Specification WSS-M4D927-A1.
Primary end use is for emission carbon canister housings.

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Additive	heat stabilizer		
Features	Homopolymer Thermal Stability		
Appearance	Grey		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.15	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.3	g/10 min	ISO 1133
Molding Shrinkage	1.1	%	ISO 294-4
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield, 23°C)	28.3	MPa	ISO 527-2
Flexural Modulus - Tangent	2500	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact			ISO 180
-40°C	1.9	kJ/m²	ISO 180
23°C	4.3	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	120	°C	ISO 75-2/B
1.8 MPa, not annealed	68.0	°C	ISO 75-2/A
Additional Information			
Tensile/Izod Change, ISO 188, 1000 hours, 120°C: +4%/-7%			

Recommended distributors for this material

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