Ferro PP CPP45GH02AL

Polypropylene

Ferro Corporation

Message:

Ferro PP CPP45GH02AL is a Polypropylene material filled with 45% mineral. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding. Important attributes of Ferro PP CPP45GH02AL are: Good Dimensional Stability Impact Resistant Low Shrinkage

Filter / Reinforcement Mineral.45% Filter by Weight Features Good Dimensional Stability Good Impact Resistance Low Shrinkage Appearance Aluminum Forms Pellets Processing Method Injection Molding Physical Nominal Value Unit Specific Gravity 1.32 g/cm³ ASTM D792 Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) 16 g/10 min Molding Shrinkage - Flow 0.80 % Molding Shrinkage - Flow 0.80 % Morometer Hardness (Shore D) 73 XSTM D722 Met Mass-Flow Rate (MFR) (230°C/2.16 kg) Nominal Value Unit Test Method Durometer Hardness (Shore D) 73 XSTM D723 Mechanical Nominal Value Unit Test Method Durometer Hardness (Shore D) 73 XSTM D638 Tensile Strongth (Yield) 24.8 MPa ASTM D638 Tensile Strongth (Yield) 24.7 MPa ASTM D638 Flewaral Modulus 900 MPa ASTM D638 Nominal Value Unit Test Method Noticed Izod Impact (23°C) 210 J/m ASTM D638 Noticed Izod Impact (23°C) 210 J/m ASTM D638	General Information			
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Injection Nominal Value Unit	0.45 MPa, Unannealed	123	°C	
	1.8 MPa, Unannealed	73.3	°C	
Drying Temperature 93.3 °C	Injection	Nominal Value	Unit	
	Drying Temperature	93.3	°C	

Drying Time	2.0 to 3.0	hr
Rear Temperature	202 to 204	°C
Middle Temperature	204 to 210	°C
Front Temperature	210 to 213	°C
Nozzle Temperature	213 to 218	°C
Mold Temperature	43.3 to 51.7	°C
Back Pressure	0.345 to 0.689	MPa

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