

Technical Data Sheet

Polyfort LPP20BN58HB-GYGRY



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort LPP20BN58HB-GYGRY is a Polypropylene, Unspecified Calcium Carbonate, 20% filled material and is typically used in Injection Molding applications. Features include: Impact Modified.

Processing Method	Injection Molding
Attribute	Impact Modified
Forms	Pellets
Additive	Impact Modifier
Filler/Reinforcement	Calcium Carbonate, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	17	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (23 °C)	25.1	MPa	ASTM D638
Flexural Modulus, (23 °C, Tangent)	1680	MPa	ASTM D790
Impact			
Gardner Impact	18.1	J	ASTM D3029
Notched Izod Impact, (23 °C)	77	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Nozzle Temperature	171 to 216	°C
Processing (Melt) Temp	220 to 260	°C
Front Temperature	171 to 216	°C
Middle Temperature	171 to 210	°C
Rear Temperature	171 to 210	°C
Injection Rate	Moderate-Fast	
Mold Temperature	30 to 60	°C