

Technical Data Sheet

Polyfort LPP20BN60HB-GYGRY



Polypropylene, Unspecified (PP, Unspecified)

Product Description

LPP20BN60HB is a 20% Calcium Carbonate-Filled Polypropylene

Processing Method	Injection Molding
Forms	Pellets
Appearance	Colors Available
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	1.06	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	23.4	MPa	ASTM D638
Flexural Modulus, (23 °C, Tangent)	1690	MPa	ASTM D790
Impact			
Gardner Impact, (23 °C)	20.7	J	ASTM D5420
Notched Izod Impact, (23 °C)	96	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C