

Technical Data Sheet

Polyfort LPP20BN02HB-NANAT



Polypropylene, Homopolymer

Product Description

LPP20BN02HB is a 20% Calcium Carbonate-Filled Polypropylene Homopolymer

Processing Method	Injection Molding
Forms	Pellets
Appearance	Natural Color
Filler/Reinforcement	Calcium Carbonate, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical			
Tensile Strength at Yield	27.4	MPa	ASTM D638
Flexural Modulus, (Tangent)	1890	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	61	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Nozzle Temperature	213 to 218	°C
Processing (Melt) Temp	220 to 260	°C
Front Temperature	210 to 213	°C
Middle Temperature	204 to 210	°C
Rear Temperature	202 to 204	°C
Back Pressure	0.345 to 0.689	MPa
Mold Temperature	30 to 60	°C