

Polyfort LPP20BN02HB-NANAT

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

LPP20BN02HB is a 20% Calcium Carbonate-Filled Polypropylene Homopolymer

General

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

Properties¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3970	psi	ASTM D638
Flexural Modulus - Tangent	274000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.1	ft-lb/in	ASTM D256

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	396 to 399	°F
Middle Temperature	399 to 410	°F
Front Temperature	410 to 415	°F
Nozzle Temperature	415 to 424	°F
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F
Back Pressure	50.0 to 99.9	psi