

Polyfort LPP20BN57HB-NANAT

LyondellBasell Industries - Polypropylene

General Information

Product Description

Polyfort LPP20BN57HB-NANAT is a Polypropylene, Unspecified Calcium Carbonate, 20% filled material and is typically used in Injection Molding applications. Features include: Impact Modified.

General

Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Additive	• Impact Modifier
Features	• Impact Modified
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.05		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	3500	psi	ASTM D638
Flexural Modulus - Tangent (73°F)	231000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.4	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	219	°F	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	340 to 410	°F
Middle Temperature	340 to 410	°F
Front Temperature	340 to 421	°F
Nozzle Temperature	340 to 421	°F
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F
Injection Rate	Moderate-Fast	