

Polyfort LPP20BN60HB-GYGRY

LyondellBasell Industries - Polypropylene

General Information

Product Description

LPP20BN60HB is a 20% Calcium Carbonate-Filled Polypropylene

General

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

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.06		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)	3390	psi	ASTM D638
Flexural Modulus - Tangent (73°F)	245000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.8	ft-lb/in	ASTM D256
Gardner Impact (73°F)	183	in-lb	ASTM D5420

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F