

# Polyfort FPP3B20CCFDNANAT

LyondellBasell Industries - Polypropylene Copolymer

## General Information

### Product Description

FPP3B20CCFDNA is a 20% Glass Fiber Reinforced, Chemically Coupled, Copolymer Polypropylene

### General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Homopolymer
Forms	• Pellets
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	6.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	8820	psi	ASTM D638
Flexural Modulus	537000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	2.8	ft-lb/in	ASTM D256

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180 to 219	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	390 to 469	°F
Middle Temperature	390 to 469	°F
Front Temperature	390 to 469	°F
Processing (Melt) Temp	390 to 469	°F
Mold Temperature	61 to 151	°F
Injection Rate	Moderate	
Back Pressure	< 50.0	psi
Screw Speed	20 to 60	rpm
Cushion	0.250 to 0.500	in