

# Polyfort FPP2B10CCNANAT

## LyondellBasell Industries - Polypropylene Homopolymer

### General Information

#### Product Description

Polyfort FPP2B10CCNANAT is a Polypropylene Homopolymer Glass Fiber, 10% filled material and is typically used in Injection Molding applications. Features include: Good Stiffness, and Homopolymer.

#### General

Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight
Features	• Good Stiffness • Homopolymer
Forms	• Pellets
Processing Method	• Injection Molding

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0 to 10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	6500	psi	ASTM D638
Flexural Modulus - Tangent	300000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	0.81	ft-lb/in	ASTM D256

### Processing Information

Injection	Nominal Value	Unit
Drying Temperature - Desiccant Dryer	160	°F
Drying Time - Desiccant Dryer	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	50 to 150	rpm
Cushion	0.250 to 0.500	in