

# Polyfort FPP3B30CCUVNANAT

LyondellBasell Industries - Polypropylene Copolymer

## General Information

### Product Description

FPP3B30CCUVNA is a 30% Glass-Reinforced, Chemically Coupled, UV Stabilized Polypropylene Copolymer, Natural Color

### General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• UV Stabilizer
Features	• Chemically Coupled      • High Impact Resistance      • UV Stabilized
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.14		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	9800	psi	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - Tangent	701000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.1	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