

# Polyfort GPP-0215U BK2115BLK

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

GPP-0215U is a 15% Glass-Reinforced, UV Stabilized Polypropylene

### General

Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Additive	• Impact Modifier • UV Stabilizer
Features	• Impact Modified • UV Stabilized
Appearance	• Black
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)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (73°F)	7700	psi	ASTM D638
Flexural Modulus	453000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	1.4	ft-lb/in	ASTM D256

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	199	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	390 to 399	°F
Middle Temperature	399 to 410	°F
Front Temperature	410 to 421	°F
Nozzle Temperature	421 to 430	°F
Mold Temperature	115 to 140	°F
Back Pressure	20.0 to 50.0	psi
Screw Speed	100 to 150	rpm
Clamp Tonnage	2.0 to 3.0	tons/in <sup>2</sup>