

# Polyfort GPP-0202 25 GY7638GRY

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

GPP-0202 25 is 23% Glass-Reinforced Polypropylene

### General

Filler / Reinforcement	• Glass Fiber, 23% Filler by Weight
Additive	• Impact Modifier
Features	• Impact Modified
Appearance	• Colors Available • Natural Color
Processing Method	• Injection Molding

## Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.08		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.3	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9280	psi	ASTM D638
Tensile Elongation (Break)	9.0	%	ASTM D638
Flexural Modulus	629000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	2.2	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	284	°F	ASTM D648

## 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