

# Polyfort FPP 1239H-01

## LyondellBasell Industries - Polypropylene

### General Information

#### Product Description

{PRODUCT.NAME} is a PP 30% Glass Fiber Chemically Coupled

#### General

Filler / Reinforcement	• Glass Fiber, 31% Filler by Weight
Features	• Chemically Coupled
Processing Method	• Injection Molding

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

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	12600	psi	ISO 527-2/50
Flexural Modulus <sup>2</sup>	1.04E+6	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.2	ft-lb/in <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	298	°F	ISO 75-2/A

### Processing Information

Injection	Nominal Value	Unit
Drying Temperature - Desiccant Dryer	180	°F
Drying Time	2.0 to 4.0	hr
Processing (Melt) Temp	390 to 470	°F
Mold Temperature	60 to 110	°F
Injection Rate	Moderate-Fast	

#### Injection Notes

Drying is typically not required.

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 0.079 in/min