

# Polyfort FPP 1640F-01 NATURAL

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

PP 35% Talc/Glass Fiber

### General

Filler / Reinforcement	• Glass Fiber\Talc, 35% Filler by Weight
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	9140	psi	ISO 527-2/50
Flexural Modulus <sup>2</sup>	841000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.7	ft·lb/in <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	275	°F	ISO 75-2/A

## 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
Injection Rate	Moderate-Fast	

### Notes

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

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