

Polyfort FPP 1640-31 BLK

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 ¹

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	9140	psi	ISO 527-2/50
Flexural Modulus ²	841000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.7	ft·lb/in ²	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

¹ Typical properties: these are not to be construed as specifications.

² 0.079 in/min