

Polyfort FPP 1285-31 BLACK

LyondellBasell Industries - Polypropylene

General Information

Product Description

Polyfort FPP 1285-31 is a 20% Glass-Filled, Chemically Coupled Polypropylene

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled
Appearance	• Colors Available
Processing Method	• Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	9430	psi	ASTM D638
Flexural Modulus - Tangent	551000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.7	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	315	°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
Injection Rate	Moderate-Fast	