



# Polyfort FPP 1006-31 31 BLACK

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

Polyfort FPP 1006 is a 20% Talc-Filled Polypropylene

### General

Filler / Reinforcement	• Talc, 20% Filler by Weight
Appearance	• Natural Color
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.05		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4930	psi	ASTM D638
Flexural Modulus - Tangent	368000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.73	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	167	°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	