

# Polyfort FPP 1182E-31 BLACK

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

20% Talc Filled Polypropylene, extrusion grade. Mainly used in profile extrusion

### General

Filler / Reinforcement	• Talc, 20% Filler by Weight
Processing Method	• Extrusion • Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.05		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	4500	psi	ASTM D638
Flexural Modulus <sup>3</sup>	377000	psi	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	144	°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	

### Notes

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

<sup>2</sup> 2.0 in/min

<sup>3</sup> 0.051 in/min