

Polyfort FTP 3130HU-4A218 DKNUBLK

LyondellBasell Industries - Compounded Polypropylene

General Information

Product Description

TPO 20% Talc

General

Filler / Reinforcement	• Talc, 21% Filler by Weight
Processing Method	• Injection Molding

Properties¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	3190	psi	ISO 527-2/50
Flexural Modulus ²	334000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	17	ft·lb/in ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	140	°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