

# Polyfort TPP1B30UVWHWHI

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

Polyfort TPP1B30UVWHWHI is a Polypropylene, Unspecified Talc, 30% filled material and is typically used in Injection Molding applications.

### General

Filler / Reinforcement	• Talc, 30% Filler by Weight
Forms	• Pellets
Processing Method	• Injection Molding

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.15		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4600	psi	ASTM D638
Flexural Modulus - Tangent	439000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.51	ft·lb/in	ASTM D256
Gardner Impact	< 10.0	in·lb	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	261	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	165	°F	ASTM D648
RTI Str	150	°F	UL 746B
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

## Processing Information

Injection	Nominal Value	Unit
Drying Temperature	180 to 219	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	351 to 430	°F
Middle Temperature	351 to 430	°F
Front Temperature	351 to 430	°F
Processing (Melt) Temp	390 to 441	°F
Mold Temperature	70 to 120	°F
Injection Rate	Moderate	
Back Pressure	20.0 to 300	psi
Cushion	0.250 to 0.500	in