

Polyfort TPP3A20UVBKBLK

LyondellBasell Industries - Polypropylene

General Information

Product Description

Polyfort TPP3A20UVBKBLK is a Polypropylene, Unspecified Talc, 20% filled material and is typically used in Injection Molding applications. Features include: Impact Modified, and UV Stabilized.

General

Filler / Reinforcement	• Talc, 20% Filler by Weight
Additive	• Impact Modifier • UV Stabilizer
Features	• Impact Modified • UV Stabilized
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.7	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3550	psi	ASTM D638
Flexural Modulus - Tangent	239000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.1	ft-lb/in	ASTM D256
Gardner Impact	205	in-lb	ASTM D5420

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