

Technical Data Sheet

Polyfort TPP3A20UVBKBLK



Polypropylene, Unspecified (PP, Unspecified)

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.

Processing Method	Injection Molding
Attribute	Impact Modified; UV Stabilized
Forms	Pellets
Filler/Reinforcement	Talc, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6.7	g/10 min	ASTM D1238
Mechanical			
Tensile Strength at Yield	24.5	MPa	ASTM D638
Flexural Modulus, (Tangent)	1650	MPa	ASTM D790
Impact			
Gardner Impact	23.2	J	ASTM D5420
Notched Izod Impact	110	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	82 to 104	°C
Processing (Melt) Temp	199 to 227	°C
Front Temperature	177 to 221	°C
Middle Temperature	177 to 221	°C
Rear Temperature	177 to 221	°C
Injection Rate	Moderate	
Back Pressure	0.138 to 2.07	MPa
Mold Temperature	21 to 49	°C
Cushion	6.35 to 12.7	mm