

Technical Data Sheet

Polyfort TPP20AF34BK-BKBLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort TPP20AF34BK-BKBLK is a Polypropylene, Unspecified Talc, 20% filled material and is typically used in Injection Molding applications. Features include: Filled, Heat Stabilized, and Homopolymer.

Processing Method	Injection Molding
Attribute	Filled; Heat Stabilized; Homopolymer
Forms	Pellets
Appearance	Black
Additive	Heat Stabilizer
Application	Automotive Under the Hood; Housings
Filler/Reinforcement	Talc, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	10	g/10 min	ASTM D1238
Density - Specific Gravity	1.06	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	32.6	MPa	ASTM D638
Flexural Modulus	2790	MPa	ASTM D790
Impact			
Notched Izod Impact			
(23 °C)	32	J/m	ASTM D256
(-40 °C)	20	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	82	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	122	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C