

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.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate	10	g/10 min	ASTM D1238
Density - Specific Gravity	1.06	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength, (23 °C)	32.6	MPa	ASTM D638
Flexural Modulus	2790	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact			
(23 °C)	32	J/m	ASTM D256
(-40 °C)	20	J/m	ASTM D256
<b>Thermal</b>			
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