

Technical Data Sheet

**Polyfort FPP 1006-31 31 BLACK**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

*Polyfort FPP 1006* is a 20% Talc-Filled Polypropylene

**Processing Method**            Injection Molding

**Appearance**                    Natural Color

**Filler/Reinforcement**        Talc, 20%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ASTM D1238
Density - Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	34	MPa	ASTM D638
Flexural Modulus, (Tangent)	2540	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	39	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	75	°C	ASTM D648
<b>Additional Information</b>			
Filler Content	20	%	ASTM D5630

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