

**Technical Data Sheet**

**Polyfort FPP 1006H-31 BLACK**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

PP 20% Talc

**Processing Method**            Injection Molding

**Filler/Reinforcement**        Talc, 20%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density	1.05	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield, (50 mm/min)	30.0	MPa	ISO 527-2
Tensile Strain at Break, (50 mm/min)	50	%	ISO 527-2
Flexural Modulus, (2.0 mm/min)	1800	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength	2.5	kJ/m <sup>2</sup>	ISO 180
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (1.80 MPa)	65	°C	ISO 75-2/A
<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