

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
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density	1.05	g/cm ³	ISO 1183
Mechanical			
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
Impact			
Notched Izod Impact Strength	2.5	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	65	°C	ISO 75-2/A
Additional Information			
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