

Technical Data Sheet

Polyfort FPP 892-31 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			
Density - Specific Gravity	1.05	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (50 mm/min)	33.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	2800	MPa	ASTM D790
Tensile Elongation at Break, (50 mm/min)	75	%	ASTM D638
Impact			
Notched Izod Impact	70	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	60	°C	ASTM D648
Additional Information			
Filler Content	20	%	ASTM D5630

Injection Parameters	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