

Technical Data Sheet

Polyfort FPP 1697HU-31 BLACK

Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP 26% Talc Filled

Processing Method Injection Molding

Filler/Reinforcement Talc, 26%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.1	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (50 mm/min)	20.0	MPa	ISO 527-2
Flexural Modulus, (2.0 mm/min)	2650	MPa	ISO 178
Impact			
Notched Izod Impact Strength	6.5	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	58	°C	ISO 75-2/A
Additional Information			
Filler Content	26	%	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