

**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%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density	1.1	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield, (50 mm/min)	20.0	MPa	ISO 527-2
Flexural Modulus, (2.0 mm/min)	2650	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength	6.5	kJ/m <sup>2</sup>	ISO 180
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (1.80 MPa)	58	°C	ISO 75-2/A
<b>Additional Information</b>			
Filler Content	26	%	ASTM D5630

<b>Injection Parameters</b>	<b>Nominal Value</b>	<b>Units</b>
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