

(+) 18816996168

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## 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
<b>Physical</b>			
Density - Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Notched Izod Impact	70	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	60	°C	ASTM D648
<b>Additional Information</b>			
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