

## Technical Data Sheet

### *Polyfort* FPP 1285-31 BLACK



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

*Polyfort* FPP 1285-31 is a 20% Glass-Filled, Chemically Coupled Polypropylene

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Chemically Coupled
<b>Appearance</b>	Colors Available
<b>Filler/Reinforcement</b>	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	5.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	65	MPa	ASTM D638
Flexural Modulus, (Tangent)	3800	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	89	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	157	°C	ASTM D648
<b>Additional Information</b>			
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