

**Technical Data Sheet**

**Polyfort FPP 1606 U GRY 60545**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

PP 30% Glass Fiber Chemically Coupled UV

**Processing Method**            Injection Molding  
**Attribute**                        Chemically Coupled; UV Resistant  
**Filler/Reinforcement**        Glass Fiber, 30%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density - Specific Gravity	1.14	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield, (50 mm/min)	70.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	5200	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	150	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	145	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	158	°C	ASTM D648
<b>Additional Information</b>			
Filler Content	30	%	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