

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%

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