

Technical Data Sheet

Polyfort GPP-0202 25 GY7638GRY



Polypropylene, Unspecified (PP, Unspecified)

Product Description

GPP-0202 25 is 23% Glass-Reinforced Polypropylene

Processing Method	Injection Molding
Attribute	Impact Modified
Appearance	Colors Available; Natural Color
Filler/Reinforcement	Glass Fiber, 23%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6.3	g/10 min	ASTM D1238
Density - Specific Gravity	1.08	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	64	MPa	ASTM D638
Flexural Modulus	4340	MPa	ASTM D790
Tensile Elongation at Break	9	%	ASTM D638
Impact			
Notched Izod Impact, (3.18 mm)	120	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	140	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Mold Temperature	30 to 60	°C