

Technical Data Sheet

Polyfort AQUALOY 125 NAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Aqualoy 125 is 20% Glass-Reinforced Chemically Coupled Polypropylene

Processing Method Injection Molding
Attribute Chemically Coupled
Filler/Reinforcement Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.6	g/10 min	ASTM D1238
Density - Specific Gravity	1.03	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Break	72.3	MPa	ASTM D638
Flexural Modulus	4340	MPa	ASTM D790
Impact			
Notched Izod Impact	96	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	162	°C	ASTM D648
Additional Information			
Filler Content	20	%	ASTM D5630