

Network Polymers Nylon 6001GF33

Polyamide 6

Network Polymers, Inc.

Message:

Network Polymers Nylon 6001GF33 is a Polyamide 6 (Nylon 6) product filled with 33% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	156	MPa	ASTM D638
Tensile Elongation (Break)	3.4	%	ASTM D638
Flexural Modulus	7500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	219	°C	ASTM D648
Peak Melting Temperature	227	°C	ASTM D3418

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Recommended distributors for this material

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