

Generic Nylon 9T - Glass Fiber

Polyamide 9T

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 9T - Glass Fiber
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37 to 1.73	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (320°C/2.16 kg)	15 to 17	g/10 min	ASTM D1238
Molding Shrinkage			
Flow : 23°C	0.098 to 0.20	%	ASTM D955
Across Flow : 23°C	0.50 to 0.80	%	ASTM D955
23°C	0.20 to 0.90	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	165 to 181	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	4.0	%	ASTM D638
Flexural Modulus (23°C)	9960 to 13100	MPa	ASTM D790
Flexural Strength (23°C)	197 to 270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	100 to 120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	285 to 290	°C	ASTM D648
Electrical	Nominal Value		Test Method
Dielectric Constant (23°C)	3.30 to 3.80		ASTM D150
Dissipation Factor (23°C)	9.0E-3 to 0.010		ASTM D150

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Recommended distributors for this material

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