

Generic Nylon 66+Nylon 6I/6T - Glass Fiber

Polyamide 66 + PA 6I/6T

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic Nylon 66+Nylon 6I/6T - Glass Fiber
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.38 to 1.72	g/cm ³	ISO 1183
Molding Shrinkage (23°C)	0.10 to 0.60	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	10500 to 21100	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	210 to 275	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	2.5 to 3.0	%	ISO 527-2
Flexural Modulus (23°C)	9300 to 20000	MPa	ISO 178
Flexural Stress (23°C)	265 to 405	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11 to 17	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	80 to 110	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	245	°C	ISO 75-2/B
1.8 MPa, Unannealed	215 to 225	°C	ISO 75-2/A

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