

# Generic Nylon, Unspecified - Carbon Fiber

Polyamide

Generic

## Message:

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

General Information			
Filler / Reinforcement	Carbon fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22 - 1.39	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	7580 - 31000	MPa	ASTM D790
Flexural Strength (23°C)	193 - 455	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32 - 96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	141 - 263	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	78.8 - 79.5	°C	
Drying Time	4.0 - 4.1	hr	
Mold Temperature	82.2 - 149	°C	
Injection instructions			

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## Recommended distributors for this material

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