

# Generic PSU - Carbon Fiber

Polysulfone

Generic

## Message:

This data represents typical values that have been calculated from all products classified as: Generic PSU - 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	1.27 - 1.30	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (23°C)	0.095 - 0.21	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	4140 - 21400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43 - 96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	177 - 182	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	135	°C	
Drying Time	3.5 - 4.0	hr	
Mold Temperature	121 - 122	°C	
Injection instructions			

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## Recommended distributors for this material

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