

Generic PTT - Carbon Fiber

Polytrimethylene Terephthalate

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PTT - 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	1.37 - 1.57	g/cm ³	ASTM D792
Molding Shrinkage - Flow (23°C)	0.098 - 0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	9650 - 29000	MPa	ASTM D638
Tensile Strength (23°C)	117 - 172	MPa	ASTM D638
Flexural Modulus (23°C)	8960 - 24800	MPa	ASTM D790
Flexural Strength (23°C)	165 - 255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27 - 64	J/m	ASTM D256
Unnotched Izod Impact (23°C)	270 - 640	J/m	ASTM D256
Injection	Nominal Value	Unit	
Mold Temperature	104 - 105	°C	
Injection Pressure	86.0 - 86.4	MPa	
Injection instructions			

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Recommended distributors for this material

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