

Daicel PA PA9T-GF50-01

Polyamide

Daicel Polymer Ltd.

Message:

Daicel PA PA9T-GF50-01 is a Polyamide material filled with 50% long glass fiber. It is available in Asia Pacific.

General Information				
Filler / Reinforcement		Long Glass Fiber,50% Filler by Weight		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.58	--	g/cm ³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Yield)	245	220	MPa	ISO 527-2
Flexural Modulus	16000	15500	MPa	ISO 178
Flexural Stress	370	330	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	40	32	kJ/m ²	ISO 179/1eA
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	295	--	°C	ISO 75-2/A
Injection	Dry	Unit		
Drying Temperature	120		°C	
Drying Time	3.0 to 5.0		hr	
Rear Temperature	310 to 330		°C	
Middle Temperature	320 to 330		°C	
Front Temperature	320 to 330		°C	
Nozzle Temperature	310 to 330		°C	
Mold Temperature	130 to 150		°C	
Back Pressure	5.00 to 10.0		MPa	
Screw Speed	40 to 60		rpm	

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Recommended distributors for this material

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