PLASTRON™ PAX-CF40-02

Polyamide

Daicel Polymer Ltd.

Message:

PLASTRON™ PAX-CF40-02 is a Polyamide material filled with 40% carbon fiber. It is available in Asia Pacific.

General Information				
Filler / Reinforcement		Carbon Fiber,40% Filler by Weight		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.39	--	g/cm³	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Yield)	330	310	MPa	ISO 527-2
Flexural Modulus	33000	30000	MPa	ISO 178
Flexural Stress	500	440	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	25	26	kJ/m²	ISO 179/1eA
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	235	--	°C	ISO 75-2/A
Additional Information	Dry	Conditioned	Unit	
Moisture Content	--	0.70	%	
Injection	Dry	Unit		
Drying Temperature	80.0 to 85.0		°C	
Drying Time	3.0 to 5.0		hr	
Rear Temperature	240 to 280		°C	
Middle Temperature	250 to 290		°C	
Front Temperature	250 to 290		°C	
Nozzle Temperature	240 to 280		°C	
Mold Temperature	130 to 150		°C	
Back Pressure	5.00 to 10.0		MPa	
Screw Speed	40 to 60		rpm	

Recommended distributors for this material

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