

PLASTRON™ PP-CF40-11

Polypropylene

Daicel Polymer Ltd.

Message:

PLASTRON™ PP-CF40-11 is a Polypropylene material filled with 40% carbon fiber. It is available in Asia Pacific.

General Information			
Filler / Reinforcement	Carbon Fiber,40% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	160	MPa	ISO 527-2
Flexural Modulus	20000	MPa	ISO 178
Flexural Stress	250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	161	°C	ISO 75-2/A
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	1.0	hr	
Rear Temperature	230 to 250	°C	
Middle Temperature	250 to 270	°C	
Front Temperature	250 to 270	°C	
Nozzle Temperature	200 to 250	°C	
Mold Temperature	30.0 to 80.0	°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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