

PLASTRON™ PP-GF50-02

Polypropylene

Daicel Polymer Ltd.

Message:

PLASTRON™ PP-GF50-02 is a Polypropylene material filled with 50% glass fiber. It is available in Asia Pacific.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	140	MPa	ISO 527-2
Flexural Modulus	11500	MPa	ISO 178
Flexural Stress	210	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	45	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	162	°C	ISO 75-2/A
Injection	Nominal Value	Unit	Test Method
Drying Temperature	80.0	°C	
Drying Time	1.0	hr	
Rear Temperature	180 to 230	°C	
Middle Temperature	190 to 240	°C	
Front Temperature	200 to 250	°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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

