

# PLASTRON™ PA66-GF50-01

Polyamide 66

Daicel Polymer Ltd.

## Message:

PLASTRON™ PA66-GF50-01 is a Polyamide 66 (Nylon 66) material filled with 50% glass fiber. It is available in Asia Pacific.

General Information				
Filler / Reinforcement		Glass Fiber,50% Filler by Weight		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.57	--	g/cm <sup>3</sup>	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Yield)	290	230	MPa	ISO 527-2
Flexural Modulus	16000	12500	MPa	ISO 178
Flexural Stress	420	320	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	50	50	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	261	--	°C	ISO 75-2/A
Additional Information	Dry	Conditioned	Unit	
Moisture Content	--	1.2	%	
Injection	Dry	Unit		
Drying Temperature	80.0 to 85.0		°C	
Drying Time	3.0 to 5.0		hr	
Rear Temperature	280 to 320		°C	
Middle Temperature	280 to 320		°C	
Front Temperature	280 to 320		°C	
Nozzle Temperature	270 to 300		°C	
Mold Temperature	60.0 to 120		°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](mailto:sales@su-jiao.com)

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

