

# PLASTRON™ PA66-GF60-01

Polyamide 66

Daicel Polymer Ltd.

## Message:

PLASTRON™ PA66-GF60-01 is a Polyamide 66 (Nylon 66) material filled with 60% glass fiber. It is available in Asia Pacific.

General Information				
Filler / Reinforcement		Glass Fiber,60% Filler by Weight		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.70	--	g/cm <sup>3</sup>	ISO 1183
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Stress (Yield)	320	250	MPa	ISO 527-2
Flexural Modulus	20000	16500	MPa	ISO 178
Flexural Stress	470	360	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength (23°C)	60	60	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	--	1.0	%	
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	

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Recommended distributors for this material

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