

Titalon 1C00MGF

PA6-GF

Titan Plastics Compounds Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	92	MPa	ISO 527
Flexural modulus, 23°C	10000	MPa	ISO 178
Flexural strength	120	MPa	ISO 178
Charpy notched impact strength, +23°C	4	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Volume resistivity	1E8	Ohm*m	IEC 62631-3-1
Surface resistivity	1E10	Ohm	IEC 62631-3-2
Other properties			
Density	1800	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	230 - 260	°C	-
Mold temperature	80 - 100	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Black, Brown

Special Characteristics

Anti-static, Flame retardant, Heat stabilized or stable to heat, Thermally Conductive

Applications

Electrical and Electronical

Regional Availability

Asia Pacific