

Titalon 5100GF

PC-GF10

Titan Plastics Compounds Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	63	MPa	ISO 527
Flexural modulus, 23°C	3450	MPa	ISO 178
Flexural strength	103	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	135	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
Surface resistivity	1E15	Ohm	IEC 62631-3-2
Other properties			
Density	1270	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	80 - 130	°C	-

Characteristics**Processing**

Injection Molding

Features

Low Warpage

Delivery form

Natural Color

Regional Availability

Asia Pacific