

Titalon 5100CF

PC-CF10

Titan Plastics Compounds Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	125	MPa	ISO 527
Flexural modulus, 23°C	9800	MPa	ISO 178
Flexural strength	190	MPa	ISO 178
Charpy notched impact strength, +23°C	11	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
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	Value	Unit	Test Standard
ISO Data			
Volume resistivity	10000	Ohm*m	IEC 62631-3-1
Surface resistivity	1000000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 140	°C	-
Pre-drying - Time	4	h	-
Melt temperature	270 - 300	°C	-
Mold temperature	80 - 130	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Increased electrical conductivity

Delivery form

Black

Regional Availability

Asia Pacific