

**Titalon 5300CF**

PC-CF30

Titan Plastics Compounds Co., Ltd.

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>165</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>16000</b>	MPa	ISO 178
Flexural strength	<b>240</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>10</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>160</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1000</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>100000</b>	Ohm	IEC 62631-3-2
<b>Other properties</b>			
Density	<b>1320</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>120 - 140</b>	°C	-
Pre-drying - Time	<b>4</b>	h	-
Melt temperature	<b>270 - 300</b>	°C	-
Mold temperature	<b>80 - 130</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Increased electrical conductivity

**Delivery form**

Black

**Regional Availability**

Asia Pacific