Titalon 2300CF

PA66-CF30 Titan Plastics Compounds Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	**240**	MPa	ISO 527
Flexural modulus, 23°C	**19000**	MPa	ISO 178
Flexural strength	**350**	MPa	ISO 178
Charpy notched impact strength, +23°C	**12**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**255**	°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	**0.1**	Ohm*m	IEC 62631-3-1
Surface resistivity	**100**	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	**1270**	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	**80 - 100**	°C	-
Pre-drying - Time	**4**	h	-
Melt temperature	**260 - 290**	°C	-
Mold temperature	**60 - 100**	°C	-

Characteristics

Processing

Injection Molding

Applications

Electrical and Electronical

Delivery form

Black

Regional Availability

Asia Pacific

Special Characteristics

Increased electrical conductivity

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