

Titalon H800CF

PA6T-CF40

Titan Plastics Compounds Co., Ltd.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	260	MPa	ISO 527
Flexural modulus, 23°C	24500	MPa	ISO 178
Flexural strength	390	MPa	ISO 178
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	295	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Volume resistivity	100	Ohm*m	IEC 62631-3-1
Surface resistivity	10000	Ohm	IEC 62631-3-2
Other properties			
Density	1350	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	4	h	-
Melt temperature	290 - 310	°C	-
Mold temperature	100 - 130	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat

Applications

Automotive, Electrical and Electronical

Regional Availability

Asia Pacific