



## Titan 6200CF

RESIN : POLYPROPYLENE RESIN

PRODUCT DESCRIPTION : 10% CARBON FIBER REINFORCED, CONDUCTIVE.

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm <sup>3</sup>	ISO 1183	0.98
Tensile strength	MPa	ISO	45
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	60
Flexural modulus			2800
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	10
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	100
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>6</sup>
Surface resistivity	Ω		1×10 <sup>5</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.6~1.0
<b>MOLDING CONDITION</b>	°C	Drying	80~100x 4Hrs
		Melt Temp.	180~220
		Mold Temp.	30~90
	%	Inject. Press.	30~60
		Inject. Velocity	20~50

\*All property values shown in this data sheet are the representative values and not minimum value of this material.