



Titan 7600CF

RESIN : POLYPHENYLENE SULFIDE RESIN

PRODUCT DESCRIPTION : 30% CARBON FIBER REINFORCED, HIGH STIFFNESS/
STRENGTH, WEAR RESISTANCE.

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.45
Tensile strength	MPa	ISO	200
Tensile Elongation		527-1,2	>1
Flexural strength	MPa	ISO 178	280
Flexural modulus			22000
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	5
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	260
Volume resistivity	Ω•cm	IEC 60093	1×10 ²
Surface resistivity	Ω		1×10 ³
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.1~0.3
MOLDING CONDITION	°C	Drying	140~160x 4Hrs
		Melt Temp.	280~320
		Mold Temp.	130~160
	%	Inject. Press.	30~80
		Inject. Velocity	30~70

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