



Titan 9400CF

RESIN : POLYETHERIMIDE RESIN

PRODUCT DESCRIPTION :

*9400CF IS HIGH STRENGTH AND CONDUCTIVE FOR INJECTION MOLDING ◦

*ADD 20% CARBON FIBER

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.35
Tensile strength	MPa	ISO	190
Tensile Elongation		527-1,2	1.5
Flexural strength	MPa	ISO 178	260
Flexural modulus			12000
Charpy impact strength(notched)	kJ/m ²	ISO	6
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	210
Volume resistivity	Ω•cm	IEC 60093	1×10 ²
Surface resistivity	Ω		1×10 ³
Flammability		UL 94	V0
Mold shrinkage	%	50x70x3 mmt	0.1~0.3
MOLDING CONDITION	°C	Drying	4hr@140
		Melt Temp.	340~380
		Mold Temp.	130~150
	%	Inject. Press.	70~100
		Inject. Velocity	50~70

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