



## Titan 9400GF

RESIN : POLYETHERIMIDE RESIN

PRODUCT DESCRIPTION : 20% GLASS FIBER, HIGH STRENGTH/STIFFNESS

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.41
Tensile strength	MPa	ISO	160
Tensile Elongation		527-1,2	>2.5
Flexural strength	MPa	ISO 178	210
Flexural modulus			8500
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	6
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	208
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability		UL 94 1.5mm	V-0
Mold shrinkage	%	50x70x3 mmt	0.15~0.35
<b>MOLDING CONDITION</b>	°C	Drying	140~150x 4Hrs
		Melt Temp.	350~390
		Mold Temp.	130~180
	%	Inject. Press.	50~90
		Inject. Velocity	20~50

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