



Titalon 4150TCF

RESIN : POLYAMIDE 46 RESIN

PRODUCT DESCRIPTION : PA 46 REINFORCED WITH CARBON FIBER & PTFE, WEAR RESISTANCE.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm ³	ISO 1183	1.25
Tensile strength	MPa	ISO	80
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	150
Flexural modulus			3300
Charpy impact strength(notched)	kJ/m ²	ISO	5
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	200
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁰
Surface resistivity	Ω		1×10 ¹⁰
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	1.0~1.5
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	280~300
		Mold Temperature	80~120
	%	Inject. Pressure	30~70
Inject. Velocity		30~60	

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