

## Titalon 1200CF

RESIN : POLYAMIDE 6 RESIN

PRODUCT DESCRIPTION : 20% CARBON FIBER REINFORCED, HIGH STRENGTH.

COLOR No.: VCF01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm <sup>3</sup>	ISO 1183	1.22
Tensile strength	MPa	ISO	180
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	270
Flexural modulus			14000
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	7
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	204
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>3~6</sup>
Surface resistivity	Ω		1×10 <sup>3~6</sup>
Flammability		UL 94	HB
Hardness	D	ISO7619	85
Mold shrinkage	%	50x80x3 mmt	0.3~0.5
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	230~260
		Mold Temperature	90~110
	%	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.