

Titalon 3300CF

RESIN : POLYAMIDE 12 RESIN

PRODUCT DESCRIPTION : 30% CARBON FIBER REINFORCED, HIGH STRENGTH.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.15
Tensile strength	MPa	ISO	135
Tensile Elongation		527-1,2	3
Flexural strength	MPa	ISO 178	200
Flexural modulus			10000
Charpy impact strength(notched)	kJ/m ²	ISO	14
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	160
Volume resistivity	Ω•cm	IEC 60093	1×10 ³
Surface resistivity	Ω		1×10 ³
Flammability		UL 94	HB
Hardness	D	ISO 7619	80
Mold shrinkage	%	50x80x3 mmt	0.2~0.5
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying Melt Temperature Mold Temperature	100 x 4Hrs 220~250 60~100
	%	Inject. Pressure Inject. Velocity	30~70 30~60

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