

Titalon 2150CF

RESIN : POLYAMIDE 66 RESIN

PRODUCT DESCRIPTION : 15% CARBON FIBER REINFORCED, WEAR RESISTANCE.

COLOR No.: VCF01

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.20
Tensile strength	MPa	ISO	180
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	260
Flexural modulus			10000
Charpy impact strength(notched)	kJ/m ²	ISO	7
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	250
Volume resistivity	Ω•cm	IEC 60093	1×10 ²
Surface resistivity	Ω		1×10 ³
Flammability		UL 94	HB
Hardness	D	ISO7619	87
Mold shrinkage	%	50x80x3 mmt	0.4~0.8
MOLDING CONDITION	°C	Drying	110x 4Hrs
		Melt Temperature	260~290
		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.