



Titalon 1300CF

RESIN : POLYAMIDE6 RESIN

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

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.27
Tensile strength	MPa	ISO	230
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	350
Flexural modulus			18000
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	20
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	205
Volume resistivity	Ω•cm	IEC 60093	1×10 ²
Surface resistivity	Ω		1×10 ³
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.1~0.3
MOLDING CONDITION			
	°C	Drying	80~100x 4Hrs
		Melt Temp.	230~260
		Mold Temp.	60~100
	%	Inject. Press.	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.

