

Titan A200CF

RESIN : ACRYLONITRILE BUTADIENE STYRENE RESIN

PRODUCT DESCRIPTION : 10%CARBON FIBER REINFORCED ◦

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.09
Tensile strength	MPa	ISO	68
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	110
Flexural modulus			6400
Charpy impact strength(notched)	kJ/m ²	ISO	7
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	98
Volume resistivity	Ω•cm	IEC 60093	1×10 ^{4~6}
Surface resistivity	Ω		1×10 ^{5~7}
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mm	0.1~0.3
MOLDING CONDITION	°C	Drying	80~100x 4Hrs
		Melt Temp.	200~240
		Mold Temp.	60~100
	%	Inject. Press.	30~70
		Inject. Velocity	20~50

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