



Titacon CF920

RESIN : POLYACETAL RESIN

**PRODUCT DESCRIPTION : 20% CARBON FIBER REINFORCED, WEAR
RESISTANCE, HIGH STIFFNESS/STRENGTH**

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.47
Tensile strength	MPa	ISO	140
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	200
Flexural modulus			12000
Charpy impact strength(notched)	kJ/m ²	ISO	7
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	163
Volume resistivity	Ω•cm	IEC 60093	2×10 ²
Surface resistivity	Ω		2×10 ²
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.2~0.6
MOLDING CONDITION	°C	Drying	100x 3Hrs
		Melt Temp.	170~200
		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.