



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	150
Tensile Elongation		527-1,2	>2.5
Flexural strength	MPa	ISO 178	215
Flexural modulus			13000
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	7
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	0.4~1.1
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.