



Titacon GF920TF10

RESIN : POLYACETAL RESIN

PRODUCT DESCRIPTION : 20%GLASS FIBER REINFORCED, 10%PTFE FILLED, HIGH STRENGTH/STIFFNESS, DIMENSIONAL ACCURACY, WEAR RESISTANCE.

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.60
Tensile strength	MPa	ISO	110
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	170
Flexural modulus			6500
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	4.50
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	135
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁵
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.4~1.0
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.