

Titacon TF918K7

RESIN : POLYACETAL RESIN

PRODUCT DESCRIPTION : PTFE / ARAMID FIBER FILLED, WEAR

RESISTANCE, LOW FRICTION, NON-ABRASIVE TO METAL.

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.50
Tensile strength	MPa	ISO	46
Tensile Elongation		527-1,2	>10
Flexural strength	MPa	ISO 178	75
Flexural modulus			2400
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	6
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	80
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.4~1.8
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.