



Titacon TF410

RESIN : POLYACETAL RESIN

PRODUCT DESCRIPTION : 10%PTFE POWDER FILLED, WEAR RESISTANCE,
HOMO-POLYACETAL, MEDIUM FLOW.

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.46
Tensile strength	MPa	ISO	62
Tensile Elongation		527-1,2	>16
Flexural strength	MPa	ISO 178	87
Flexural modulus			2850
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	7
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	120
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁵
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.8~2.0
MOLDING CONDITION	°C	Drying Melt Temp. Mold Temp.	100x 3Hrs 170~200 60~100
	%	Inject. Press. Inject. Velocity	30~70 20~50

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

