



## Titacon TF502

**RESIN : POLYACETAL RESIN**

**PRODUCT DESCRIPTION : 2%PTFE POWDER FILLED, HOMO-POLYACETAL,  
MEDIUM FLOW.**

Properties	Unit	method	Value
Color	-	-	Nature
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.43
Tensile strength	MPa	ISO	70
Tensile Elongation		527-1,2	>20
Flexural strength	MPa	ISO 178	95
Flexural modulus			3000
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	5
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO	103
		75-1,2	
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.8~2.0
<b>MOLDING CONDITION</b>			
	°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.