



## Titacon TR510

**RESIN : POLYACETAL RESIN**

**PRODUCT DESCRIPTION : TALC FILLED, HIGH FLOW, LOW WARPAGE,  
DIMENSIONAL ACCURACY.**

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.48
Tensile strength	MPa	ISO	57
Tensile Elongation		527-1,2	>5
Flexural strength	MPa	ISO 178	90
Flexural modulus			3000
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	3.30
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	112
Volume resistivity	Ω•cm	IEC 60093	2×10 <sup>14</sup>
Surface resistivity	Ω		2×10 <sup>15</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.2~1.6
<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.