



Titacon CW901

RESIN : POLYACETAL RESIN

**PRODUCT DESCRIPTION : CHEMICAL LUBRICATION, WEAR RESISTANCE,
LOW SPEED/HIGH LOAD APPLICATION.**

Properties	Unit	method	Value
Color	-	-	Nature
specific gravity	g/cm ³	ISO 1183	1.42
Tensile strength Tensile Elongation	MPa	ISO 527-1,2	49 >20
Flexural strength Flexural modulus	MPa	ISO 178	75 2500
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	5
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	80
Volume resistivity Surface resistivity	Ω•cm Ω	IEC 60093	2×10 ¹⁴ 1×10 ¹⁵
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.6~2.0
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.