



## Titacon AL900

RESIN : POLYACETAL RESIN

**PRODUCT DESCRIPTION: CHEMICAL LUBRICATION, LOW WEAR/FRICTION,  
LOW NOISE, HOMO-POLYACETAL, HIGH FLOW.**

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.38
Tensile strength	MPa	ISO	58
Tensile Elongation		527-1,2	>12
Flexural strength	MPa	ISO 178	80
Flexural modulus			2650
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	7
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	95
Volume resistivity	Ω•cm	IEC 60093	2×10 <sup>14</sup>
Surface resistivity	Ω		2×10 <sup>14</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.6~2.0
<b>MOLDING CONDITION</b>	°C	Drying	100x 3Hrs
		Melt Temp.	170~200
%	°C	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.