



Titacon AL900

RESIN : POLYACETAL RESIN

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

Properties	Unit	method	Value
Color	-	-	Nature
specific gravity	g/cm ³	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 ²	ISO	7
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	95
Volume resistivity	Ω•cm	IEC 60093	2×10 ¹⁴
Surface resistivity	Ω		2×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.6~2.0
MOLDING CONDITION	°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.