



Titacon CL500

RESIN : POLYACETAL RESIN

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

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.38
Tensile strength	MPa	ISO	60
Tensile Elongation		527-1,2	>25
Flexural strength	MPa	ISO 178	75
Flexural modulus			2650
Charpy impact strength(notched)	kJ/m ²	ISO	9
		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
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	2.0~2.2
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.