

SI902

RESIN : POLYACETAL (POM) RESIN

PRODUCT DESCRIPTION : CONTAINS 2% SILICONE, LOW FRICTION, HIGH SLIDING
PROPERTY, MEDIUM FLOW.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.40
Tensile strength	MPa	ISO	57
Tensile Elongation		527-1,2	40
Flexural strength	MPa	ISO 178	75
Flexural modulus			2200
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	10
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	80
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	1.8~2.2
Melting Flow Index (MFI)	g/10min	ISO1133	8~13
MOLDING CONDITION	°C	Drying	100x 3Hrs
		Melt Temperature	170~200
		Mold Temperature	60~100
	%	Inject. Pressure	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.