



## TF920

RESIN : POLYACETAL (POM) RESIN

PRODUCT DESCRIPTION : ACETAL POLYMER FILLED WITH 20%PTFE, WEAR RESISTANCE, LOW FRICTION.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm <sup>3</sup>	ISO 1183	1.52
Tensile strength	MPa	ISO	46
Tensile Elongation		527-1,2	>15
Flexural strength	MPa	ISO 178	65
Flexural modulus			2000
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	5
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	77
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	1.6~2.0
Coefficient of friction	-	JIS K7218	0.18
	-	ASTM G115	<0.1
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.