



# Titalon 4010TF

RESIN : POLYAMIDE46 RESIN

PRODUCT DESCRIPTION : **10%PTFE FILLED, WEAR RESISTANCE**

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.20
Tensile strength	MPa	ISO	85
Tensile Elongation		527-1,2	>8
Flexural strength	MPa	ISO 178	120
Flexural modulus			3540
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	6.50
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	180
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>12</sup>
Surface resistivity	Ω		1×10 <sup>12</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.4~2.0
MOLDING CONDITION			
	°C	Drying	100x 4Hrs
		Melt Temperature	280~310
		Mold Temperature	80~120
	%	Inject. Pressure	30~70
Inject. Velocity		30~60	

\*All property values shown in this data sheet are the representative values and not minimum value of this material.

