



## Titalon 2C10GMS

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION : 60%GLASS FIBER REINFORCED,HIGH STRENGTH,MoS2 WEAR RESISTANCE

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.65
Tensile strength	MPa	ISO	239
Tensile Elongation		527-1,2	1.6
Flexural strength	MPa	ISO 178	350
Flexural modulus			18000
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	15
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	250
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	%	50x70x3 mmt	0.5~0.75
MOLDING CONDITION	°C	Drying	120x 4Hrs
		Melt Temperature	260~290
		Mold Temperature	100~130
	%	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.