



# Titalon 1150GMS

RESIN : POLYAMIDE6 RESIN

PRODUCT DESCRIPTION : 15%GLASS FIBER REINFORCED,M<sub>0</sub>S<sub>2</sub> FILLED,

WEAR RESISTANCE

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.23
Tensile strength	MPa	ISO	105
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	150
Flexural modulus			4200
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	5
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	175
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	0.5~0.8
MOLDING CONDITION	°C	Drying	80~100x 4Hrs
		Melt Temp.	230~260
		Mold Temp.	60~100
	%	Inject. Press.	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.

