



Titalon 2102GBM

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION : WEAR RESISTANCE, MoS2 FILLED

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.16
Tensile strength	MPa	ISO	100
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	160
Flexural modulus			4700
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	5
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	160
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.8~1.2
MOLDING CONDITION			
	°C	Drying	80~100x 4Hrs
		Melt Temperature	260~290
		Mold Temperature	60~100
	%	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.