



# Titalon 2300XGF

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION : 30%GLASS FIBER REINFORCED,

HIGH STRENGTH, LOW WATER ABSORPTION

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.38
Tensile strength	MPa	ISO	180
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	280
Flexural modulus			10000
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	7
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO	230
		75-1,2	
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	0.4~0.7
		mmt	
<b>MOLDING CONDITION</b>			
<b>MOLDING CONDITION</b>	°C	Drying	80~100x 4Hrs
		Melt Temp.	260~290
		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.

