

## Titalon 5300GF

RESIN : POLYCARBONATE (PC)

PRODUCT DESCRIPTION : 30%GLASS FIBER, IMPACT MODIFIED.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm <sup>3</sup>	ISO 1183	1.43
Tensile strength	MPa	ISO	130
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	180
Flexural modulus			6850
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	10
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	140
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>15</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.1~0.4
MOLDING CONDITION	°C	Drying	110 x 4Hrs
		Melt Temperature	280~300
		Mold Temperature	80~100
	%	Inject. Pressure	40~70
		Inject. Velocity	20~60

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