

## Titalon 5100GF

RESIN : POLYCARBONATE (PC)

PRODUCT DESCRIPTION : 10%GLASS FIBER.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm <sup>3</sup>	ISO 1183	1.26
Tensile strength	MPa	ISO	80
Tensile Elongation		527-1,2	5
Flexural strength	MPa	ISO 178	135
Flexural modulus			3700
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	8
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	127
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>15</sup>
Flammability	Class	UL 94	HB (0.8mm)
Mold shrinkage	%	50x80x3 mmt	0.4~0.7
MOLDING CONDITION	°C	Drying	120x 4Hrs
		Melt Temperature	270~300
		Mold Temperature	80~120
	%	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.