



## Titalon 5100GF-FR

RESIN : POLYCARBONATE (PC)

PRODUCT DESCRIPTION : 10%GLASS FIBER, NON-HALOGEN RETARDANT .

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm <sup>3</sup>	ISO 1183	1.26
Tensile strength	MPa	ISO	75
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	120
Flexural modulus			3500
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	8
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	135
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>15</sup>
Flammability	Class	UL 94	V0 (1.5mm)
Mold shrinkage	%	50x80x3 mmt	0.4~0.6
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.