



## Titalon 5300GF

RESIN : POLYCARBONATE RESIN

PRODUCT DESCRIPTION :

**5300GF ADD 30%GF IS HIGH STRENGTH GRADE FOR INJECTION MOLDING ◦**

Properties	Unit	method	Value
<b>Color</b>	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.43
Tensile strength	MPa	ISO	125
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	200
Flexural modulus			7500
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	14
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	140
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>15</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.1~0.4
<b>MOLDING CONDITION</b>			
<b>MOLDING CONDITION</b>	°C	Drying	120x 4Hrs
		Melt Temp.	260~290
		Mold Temp.	70~90
	%	Inject. Press.	40~60
Inject. Velocity		40~60	

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