



## Titalon 6600GF

RESIN : POLYPROPYLENE RESIN

PRODUCT DESCRIPTION : 30% GLASS FIBER REINFORCED, HIGH STRENGTH ◦

Properties	Unit	method	Value
Color	-	-	Nature
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.12
Tensile strength	MPa	ISO	75
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	110
Flexural modulus			5000
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>14</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.3~0.6
<b>MOLDING CONDITION</b>	°C	Drying	80~100x 4Hrs
		Melt Temp.	180~220
		Mold Temp.	30~90
	%	Inject. Press.	30~60
		Inject. Velocity	20~50

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