

## Titalon 8600GF

RESIN : POLYBUTYLENE TEREPHTHALATE RESIN(PBT)

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

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm <sup>3</sup>	ISO 1183	1.52
Tensile strength	MPa	ISO	120
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	200
Flexural modulus			9500
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	9
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	210
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>15</sup>
Surface resistivity			Ω
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.5~1.0
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	120x 4Hrs
		Melt Temperature	220~250
		Mold Temperature	70~110
	%	Inject. Pressure	40~80
Inject. Velocity		20~50	

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