

## Titalon 800ST-FR

RESIN : POLYBUTYLENE TEREPHTHALATE RESIN(PBT)

PRODUCT DESCRIPTION : HIGH IMPACT GRADE, FLAME RETARDANT , FREE HALOGEN.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm <sup>3</sup>	ISO 1183	1.26
Tensile strength	MPa	ISO	38
Tensile Elongation		527-1,2	>20
Flexural strength	MPa	ISO 178	70
Flexural modulus			2400
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	7
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	70
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability (1.5mm)	Class	UL 94	V0
Mold shrinkage	%	50x80x3 mmt	1.0~1.5
MOLDING CONDITION	°C	Drying	110 x 4Hrs
		Melt Temperature	220~250
		Mold Temperature	60~100
	%	Inject. Pressure	40~80
Inject. Velocity		30~60	

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