

Titalon 8600GF-FR

RESIN : POLYBUTYLENE TEREPHTHALATE RESIN(PBT)

PRODUCT DESCRIPTION : 30% GLASS FIBER REINFORCED, FLAME RETARDANT,
NON-HALOGEN.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm ³	ISO 1183	1.52
Tensile strength	MPa	ISO	110
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	180
Flexural modulus			8500
Charpy impact strength(notched)	kJ/m ²	ISO	9
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	200
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁵
Surface resistivity	Ω		1×10 ¹⁶
Flammability (1.5mm)	Class	UL 94	V0
Mold shrinkage	%	100x100x 3mmt	0.4~1.0
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.