

Titalon 8400GF-FR

RESIN : POLYBUTYLENE TEREPHTHALATE RESIN(PBT)

PRODUCT DESCRIPTION : 20% GLASS FIBER REINFORCED, FLAME RETARDANT
GRADE, NON HALOGEN.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.48
Tensile strength	MPa	ISO	90
Tensile Elongation		527-1,2	3
Flexural strength	MPa	ISO 178	140
Flexural modulus			7100
Charpy impact strength(notched)	kJ/m ²	ISO	6
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	195
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁵
Surface resistivity	Ω		1×10 ¹⁶
Flammability	class	UL 94	V0
Mold shrinkage	%	50x80x3 mmt	0.3~0.7
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.