

Titalon R700GF10

RESIN : PC/PBT ALLOY

PRODUCT DESCRIPTION : PC/PBT REINFORCED WITH 10% GLASS FIBER, GOOD
DIMENSIONAL STABILITY.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm ³	ISO 1183	1.29
Tensile strength	MPa	ISO	90
Tensile Elongation		527-1,2	3
Flexural strength	MPa	ISO 178	135
Flexural modulus			4000
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	12
Heat Deflection Temperature 1.8MPa	°C	ISO 75-1,2	135
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability	class	UL 94	HB
Mold shrinkage	%	50x80 3mmt	0.4~0.6
MOLDING CONDITION	°C	Drying	120x 4Hrs
		Melt Temperature	240~270
		Mold Temperature	60~110
	%	Inject. Pressure	30~50
		Inject. Velocity	20~50

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