

Titalon I700GF20-FR

RESIN : PC/ABS ALLOY

PRODUCT DESCRIPTION : 20% GLASS FIBER REINFORCED, HIGH STRENGTH, GOOD IMPACT STRENGTH, NON-HALOGEN FLAME RETARDANT.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm ³	ISO 1183	1.27
Tensile strength Tensile Elongation	MPa	ISO 527-1,2	100 >2
Flexural strength Flexural modulus	MPa	ISO 178	180 7000
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	8
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	120
Volume resistivity Surface resistivity	Ω•cm Ω	IEC 60093	1×10 ¹⁴ 1×10 ¹⁴
Flammability (1.5mm)	Class	UL 94	V0
Mold shrinkage	%	50x80x3 mmt	0.2~0.6
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	240~280
		Mold Temperature	70~100
	%	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.