

Titalon I730

RESIN : POLYCARBNATE (PC)/ABS ALLOY

PRODUCT DESCRIPTION : GOOD DIMENSIONAL STABILITY, HIGH STRENGTH, GOOD IMPACT STRENGTH.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm ³	ISO 1183	1.14
Tensile strength	MPa	ISO	57
Tensile Elongation		527-1,2	>50
Flexural strength	MPa	ISO 178	90
Flexural modulus			2400
Charpy impact strength(notched)	kJ/m ²	ISO	60
	J/m	179/1eA	600
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	100
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.4~0.8
Hardness	D	ISO7619	80~85
Melting flow rate (260°C/5kg)	g/10min.	ISO1133	20~40
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	230~270
		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.