



Titalon 2200ST

RESIN : POLYAMIDE 66 RESIN

PRODUCT DESCRIPTION : HIGH IMPACT AT LOW TEMPERATURE ENVIRONMENT.

CoLoR No.: VN01/VB01

Properties	Unit	method	Value
Color	-	-	Natural/Black
Density	g/cm ³	ISO 1183	1.07
Tensile strength	MPa	ISO	50
Tensile Elongation		527-1,2	>60
Flexural strength	MPa	ISO 178	60
Flexural modulus			1400
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	80 (23°C) 20 (-40°C)
Heat Deflection Temperature		ISO 75-1,2	65 (1.8MPa) 130 (0.45MPa)
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Hardness	D	ISO7619	70
Mold shrinkage	%	50x80x3 mmt	1.3~1.6
MOLDING CONDITION			
	°C	Drying	80~100x 4Hrs
		Melt Temperature	260~290
		Mold Temperature	60~80
		Inject. Pressure	30~70
		Inject. Velocity	30~60

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