

Titalon 2000FR

RESIN : POLYAMIDE 66 RESIN

PRODUCT DESCRIPTION : GENERAL PURPOSE SUITABLE FOR INJECTION MOLDING,
FLAME RETARDANT, FREE HALOGEN .

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm ³	ISO 1183	1.16
Tensile strength	MPa	ISO	60
Tensile Elongation		527-1,2	>10
Flexural strength	MPa	ISO 178	100
Flexural modulus			3300
Charpy impact strength(notched)	kJ/m ²	ISO	5
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO	90
(0.45MPa)		75-1,2	200
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹³
Surface resistivity	Ω		1×10 ¹³
Flammability		UL 94	V0
Mold shrinkage	%	50x80x3 mmt	1.3~1.7
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	100 x 4Hrs
		Melt Temperature	260~280
		Mold Temperature	80~100
	%	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.