

Titalon 1100ST

RESIN : POLYAMIDE 6 RESIN

PRODUCT DESCRIPTION : INJECTION GRADE, IMPACT MODIFIED.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm ³	ISO 1183	1.09
Tensile strength	MPa	ISO	58
Tensile Elongation		527-1,2	50
Flexural strength	MPa	ISO 178	80
Flexural modulus			2200
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	50 (23°C) 20(-30°C)
Heat Deflection Temperature (1.8MPa)		ISO 75-1,2	65
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹³
Surface resistivity	Ω		1×10 ¹³
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	1.2~1.4
MOLDING CONDITION			
	°C	Drying	100x 4Hrs
		Melt Temperature	230~250
		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.