

Titalon 1200ST

RESIN : POLYAMIDE 6 RESIN

PRODUCT DESCRIPTION : IMPACT MODIFIED GRADE .

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm ³	ISO 1183	1.07
Tensile strength Tensile Elongation	MPa	ISO 527-1,2	45 >100
Flexural strength Flexural modulus	MPa	ISO 178	55 1100
Charpy impact strength(notched)	kJ/m ² J/M	ISO 179/1eA	80 800
Heat Deflection Temperature	°C	ISO 75-1,2	60 (1.8MPa) 115 (0.45MPa)
Volume resistivity Surface resistivity	Ω•cm Ω	IEC 60093	1×10 ¹³ 1×10 ¹³
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	1.2~1.4
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	230~260
		Mold Temperature	50~80
	%	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.