



# Titalon 1100ST N01

RESIN : POLYAMIDE6 RESIN

PRODUCT DESCRIPTION : LOW TEMPERATURE, HIGH IMPACT

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.05
Tensile strength	MPa	ISO	50
Tensile Elongation		527-1,2	>80
Flexural strength	MPa	ISO 178	73
Flexural modulus			1920
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	30
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO	155
		75-1,2	
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3	1.5~2.0
		mmt	
MOLDING CONDITION	°C	Drying	80~100x 4Hrs
		Melt Temp.	230~260
		Mold Temp.	60~100
	%	Inject. Press.	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.