



Titalon 1200ST

RESIN : POLYAMIDE6 RESIN

PRODUCT DESCRIPTION : ELASTOMER FILLED,LOW TEMPERATURE, HIGH IMPACT

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.11
Tensile strength	MPa	ISO	45
Tensile Elongation		527-1,2	>45
Flexural strength	MPa	ISO 178	65
Flexural modulus			1720
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	50
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	150
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.4~1.8
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.

