

Titalon 1150GF

RESIN : POLYAMIDE 6 RESIN

PRODUCT DESCRIPTION : 15%GLASS FIBER REINFORCED, GOOD SURFACE.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm ³	ISO 1183	1.23
Tensile strength	MPa	ISO	120
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	190
Flexural modulus			5600
Charpy impact strength(notched)	kJ/m ²	ISO	6
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	190
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.5~1.0
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	230~260
		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.