

Titalon A400GF

RESIN : ACRYLONITRILE BUTADIENE STYRENE (ABS)

PRODUCT DESCRIPTION : 20% GLASS FIBER REINFORCED, HIGH STRENGTH.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
Density	g/cm ³	ISO 1183	1.17
Tensile strength	MPa	ISO	75
Tensile Elongation		527-1,2	>1
Flexural strength	MPa	ISO 178	115
Flexural modulus			5400
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	7
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	95
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability	Class	UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.3~0.5
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	80x 4Hrs
	%	Melt Temperature	200~240
		Mold Temperature	60~80
		Inject. Pressure	40~70
		Inject. Velocity	40~60

*All property values shown in this data sheet are the representative values and not minimum value of this material.