

Titalon 2500AGF

RESIN : PA66

PRODUCT DESCRIPTION : 50%GLASS FIBER REINFORCED, HIGH STRENGTH, LOW MOISTURE ABSORPTION.

Color No.: VN01/VB01

Properties	Unit	method	Value
Color	-	-	Natural/Black
specific gravity	g/cm ³	ISO 1183	1.56
Tensile strength	MPa	ISO	235
Tensile Elongation		527-1,2	2
Flexural strength	MPa	ISO 178	360
Flexural modulus			17000
Charpy impact strength(notched)	kJ/m ²	ISO	10
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	240
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹¹
Surface resistivity	Ω		1×10 ¹²
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	0.2~0.4
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	110x 4hr
		Melt Temperature	260~290
		Mold Temperature	100~120
	%	Inject. Pressure	40~80
Inject. Velocity		40~80	

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