

## Titalon 4715AF

RESIN : POLYAMIDE 46 RESIN

PRODUCT DESCRIPTION : PA 46 COMPOUND WITH PTFE /ARAMID FIBER/SILICONE,  
EXCELLENT WEAR RESISTANCE AND HIGH SLIDING.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.27
Tensile strength	MPa	ISO	80
Tensile Elongation		527-1,2	10
Flexural strength	MPa	ISO 178	120
Flexural modulus			2700
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	5
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	200
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>12</sup>
Surface resistivity	Ω		1×10 <sup>12</sup>
Flammability	class	UL 94	HB
Mold shrinkage	%	50x80x3 mmt	1.4~1.6
MOLDING CONDITION	°C	Drying	110x 4Hrs
		Melt Temperature	280~310
		Mold Temperature	80~120
	%	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.