



## Titalon 3225AF

RESIN : POLYAMIDE12 RESIN

PRODUCT DESCRIPTION : ARAMID /PTFE FILLED, GLASS FIBER REINFORCED,  
SLIDING, WEAR RESISTANCE

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.15
Tensile strength	MPa	ISO	80
Tensile Elongation		527-1,2	>10
Flexural strength	MPa	ISO 178	120
Flexural modulus			3700
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	20
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	100
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>13</sup>
Surface resistivity	Ω		1×10 <sup>15</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.5~1.3
MOLDING CONDITION	°C	Drying	80~100x 4Hrs
		Melt Temp.	200~230
		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.