



## Titalon 2315

RESIN : POLYAMIDE66 RESIN

PRODUCT DESCRIPTION: 30% GLASS BEAD FILLED, 15% PTFE  
FILLED, SLIDING, WEAR RESISTANCE

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.48
Tensile strength	MPa	ISO	65
Tensile Elongation		527-1,2	>8
Flexural strength	MPa	ISO 178	115
Flexural modulus			3700
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	5
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	185
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	1.2~1.7
MOLDING CONDITION	°C	Drying	80~100x 4Hrs
		Melt Temp.	260~290
		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.