

## Titalon 1150GF-FR

RESIN : POLYAMIDE 6 RESIN

PRODUCT DESCRIPTION : 15%GLASS FIBER REINFORCED, FLAME RETARDANT,  
FREE HALOGEN.

COLOR No.: VN01

Properties	Unit	method	Value
Color	-	-	Natural
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.27
Tensile strength	MPa	ISO	90
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	150
Flexural modulus			6000
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO 179/1eA	8
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	210
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>14</sup>
Surface resistivity	Ω		1×10 <sup>14</sup>
Flammability		UL 94	V0
Hardness	D	ISO 7619	83
Mold shrinkage	%	50x80x3 mmt	0.5~1.0
MOLDING CONDITION			
	°C	Drying	100x 4Hrs
		Melt Temperature	230~260
		Mold Temperature	80~100
	%	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.