

# Titalon 1300GF 098 338 0198

RESIN : POLYAMIDE 6 RESIN

PRODUCT DESCRIPTION: 30% GLASS FIBER REINFORCED, FLAME RETARDANT, FREE HALOGEN.

Color No: VN01

Properties	Unit	Method	Value
Color	-	-	Black
Specific gravity	g/cm <sup>3</sup>	ISO 1183	1.50
Tensile strength Tensile Elongdion	MPa	ISO 527-1,2	140 > 3
Flexural strength Flexural modulus	MPa	ISO 178	200 7500
Charpy impact strength (notched)	KJ/m <sup>2</sup>	ISO 179/1eA	6
Heat Deflection Temperature (1.8Mpa)	°C	ISO 75-1,2	200
Volume resistivity Surface resistivity	Ω.cm Ω	IEC 60093	1×10 <sup>14</sup> 1×10 <sup>14</sup>
Flammability		UL 94	V0
Hardness	D	-	85
Mold shrinkage	%	50×70×3 mmt	0.4 -0.8
MOLDING CONDITION	°C	Drying Melt Temperature Mold Temperature	80-100×4Hrs 230-260 80 -100
	%	Inject. Pressure Inject. Velocity	30 -70 30 -60

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