

Titalon 2300GF-FR

RESIN : POLYAMIDE 66 RESIN

PRODUCT DESCRIPTION : 30%GLASS FIBER REINFORCED, FLAME RESISTANCE,
FREE HALOGEN. COLOR No.:VB01

Properties	Unit	method	Value
Color	-	-	Black
Density	g/cm ³	ISO 1183	1.41
Tensile strength	MPa	ISO	140
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	210
Flexural modulus			9000
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	10
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	235
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁴
Surface resistivity	Ω		1×10 ¹⁴
Flammability (1.5mm)	class	UL 94	V0
UL yellow card file number	-	-	E525438
Hardness	D	ISO7619	86
Mold shrinkage	%	50x80x3 mmt	0.3~0.7
MOLDING CONDITION			
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	260~290
		Mold Temperature	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.