

Titalon 2300GF-FR

RESIN : POLYAMIDE 66 RESIN(PA66 30GF V0)
PRODUCT DESCRIPTION: 30% GLASS FIBER REINFORCED, FLAME RESISTANCE

Color No: VB01

Properties		Unit	Method	Value
Color		-	-	Natural/Black
Density		g/cm ³	ISO 1183	1.41
Tensile strength Tensile Elongdtion		MPa	ISO 527-1,2	140 > 2
Flexural strength Flexural modulus		MPa	ISO 178	200 7500
Charpy impact strength (notched)		KJ/m ²	ISO 179/1eA	10
Heat Deflection Temperature (1.8Mpa)		°C	ISO 75-1,2	235
Volume resistivity Surface resistivity		Ω.cm Ω	IEC 60093	1×10 ¹⁴ 1×10 ¹⁴
Dielectric streng		kV/mm	IEC60243-1	32
RTI, electrical, 0.8mm		°C	ISO 746B	130
RTI, impact, 0.8mm		°C	ISO 746B	115
RTI, strength, 0.8mm		°C	ISO 746B	130
Comparative tracking index CTI, 23C		-	IEC 60112 UL746A	600 PLC 0
Flammability		class	UL94	1.5mmV0 3.0mm V0
GWFI 1.5mm 3.0mm		°C	IEC 60695-2-12	960 960
QWIT 1.5mm 3.0mm		°C	IEC 60695-2-13	825 825
HWI 1.5mm 3.0mm		-	UL 746	FLC 0 FLC 0
HAI 1.5mm 3.0mm		-	UL746	FLC 0 FLC 0
Hardness		D	ISO 7619	86
Mold shrinkage		%	50x80x3mmt	0.3~0.7
MOLDING CONDITION	°C	Drying Melt Temperature Mold Temperature		100×4Hrs 260-290 100
	%	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.

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