



Titalon 4115CF

RESIN : POLYAMIDE46 RESIN

PRODUCT DESCRIPTION : PTFE/CF REINFORCE, WEAR RESISTANCE

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.26
Tensile strength	MPa	ISO	90
Tensile Elongation		527-1,2	>5
Flexural strength	MPa	ISO 178	140
Flexural modulus			6000
Charpy impact strength(notched)	kJ/m ²	ISO 179/1eA	5
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	220
Volume resistivity	Ω•cm	IEC 60093	1×10 ¹⁰
Surface resistivity	Ω		1×10 ¹⁰
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.6~1.2
MOLDING CONDITION	°C	Drying	100x 4Hrs
		Melt Temperature	290~320
		Mold Temperature	80~120
	%	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.