



Titalon 3200CF

RESIN : POLYAMIDE12 RESIN

PRODUCT DESCRIPTION : 20% CARBON REINFORCED, HIGH STRENGTH,
WEAR RESISTANCE

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.13
Tensile strength	MPa	ISO	120
Tensile Elongation		527-1,2	>9
Flexural strength	MPa	ISO 178	155
Flexural modulus			5800
Charpy impact strength(notched)	kJ/m ²	ISO	15
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	155
Volume resistivity	Ω•cm	IEC 60093	1×10 ³
Surface resistivity	Ω		1×10 ³
Flammability		UL 94	HB
Mold shrinkage	%	50x70 x3mmt	0.3~0.8
MOLDING CONDITION			
	°C	Drying	80~100x 4Hrs
		Melt Temp.	200~230
		Mold Temp.	60~100
	%	Inject. Press.	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.