



Titalon 3150CF

RESIN : POLYAMIDE12 RESIN

PRODUCT DESCRIPTION : 15% CARBON FIBER REINFORCED, WEAR
RESISTANCE, HIGH IMPACT

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.09
Tensile strength	MPa	ISO	100
Tensile Elongation		527-1,2	>6
Flexural strength	MPa	ISO 178	140
Flexural modulus			7200
Charpy impact strength(notched)	kJ/m ²	ISO	12
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	140
Volume resistivity	Ω•cm	IEC 60093	1×10 ⁵
Surface resistivity	Ω		1×10 ⁴
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.3~0.5
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.