



Titalon 5300CF

RESIN : POLYCARBONATE RESIN

PRODUCT DESCRIPTION : 30% CARBON FIBER REINFORCED, HIGH STIFFNESS,
CONDUCTIVE.

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.32
Tensile strength	MPa	ISO	160
Tensile Elongation		527-1,2	>2
Flexural strength	MPa	ISO 178	240
Flexural modulus			16000
Charpy impact strength(notched)	kJ/m ²	ISO	10
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO	160
		75-1,2	
Volume resistivity	Ω•cm	IEC 60093	<1×10 ³
Surface resistivity			Ω
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3	0.1~0.2
		mmt	
MOLDING CONDITION			
	°C	Drying	120~140x 4Hrs
		Melt Temp.	270~300
	%	Mold Temp.	80~130
		Inject. Press.	30~70
		Inject. Velocity	20~50

*All property values shown in this data sheet are the representative values and not minimum value of this material.