



# Titalon 1100CF

RESIN : POLYAMIDE6 RESIN

PRODUCT DESCRIPTION : 10% CARBON FIBER

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.17
Tensile strength	MPa	ISO	210
Tensile Elongation		527-1,2	>3
Flexural strength	MPa	ISO 178	210
Flexural modulus			6800
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	5
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	195
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>4</sup>
Surface resistivity	Ω		1×10 <sup>5</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.4~1.1
MOLDING CONDITION	°C	Drying	80~100x 4Hrs
		Melt Temp.	230~260
		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.