



## Titalon 5208NC

RESIN : POLYCARBONATE RESIN

PRODUCT DESCRIPTION : CARBON NANOTUBE FILLED, PERMANENT ANTI-STATIC,  
HIGH CLEANNESS ◦

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm <sup>3</sup>	ISO 1183	1.2
Tensile strength	MPa	ISO	62
Tensile Elongation		527-1,2	>10
Flexural strength	MPa	ISO 178	94
Flexural modulus			2200
Charpy impact strength(notched)	kJ/m <sup>2</sup>	ISO	15
		179/1eA	
Heat Deflection Temperature(1.8MPa)	°C	ISO 75-1,2	138
Volume resistivity	Ω•cm	IEC 60093	1×10 <sup>4~6</sup>
Surface resistivity	Ω		1×10 <sup>4~6</sup>
Flammability		UL 94	HB
Mold shrinkage	%	50x70x3 mmt	0.7~0.8
<b>MOLDING CONDITION</b>	°C	Drying	120~140x 4Hrs
		Melt Temp.	270~290
		Mold Temp.	80~120
	%	Inject. Press.	40~80
		Inject. Velocity	10~30

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