

EC910

RESIN : POLYACETAL (POM) RESIN

PRODUCT DESCRIPTION : FILLING WITH CARBON NANOTUBE, ELECTRICAL
CONDUCTIVE & ANTI-STATIC.

COLOR No.: VB01

Properties	Unit	method	Value
Color	-	-	Black
specific gravity	g/cm ³	ISO 1183	1.40
Tensile strength	MPa	ISO	50
Tensile Elongation		527-1,2	>10
Flexural strength	MPa	ISO 178	70
Flexural modulus			2100
Charpy impact strength(notched)	kJ/m ²	ISO	7
		179/1eA	
Heat Deflection Temperature (1.8MPa)	°C	ISO 75-1,2	90
Volume resistivity	Ω•cm	IEC 60093	1×10 ^{4~8}
Surface resistivity	Ω		1×10 ^{4~8}
Flammability		UL 94	HB
Mold shrinkage	%	50x80x3 mmt	1.9~2.1
Melting Flow Index (MFI)	g/10min	ISO1133	4~8
MOLDING CONDITION	°C	Drying	100x 3hrs
		Melt Temperature	180~210
		Mold Temperature	60~100
	%	Inject. Pressure	50~80
		Inject. Velocity	20~50

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