

Comparison of Carbon Materials

Carbon Materials	■ Ketjen Black	■ Carbon Nanotube	■ VGCF	■ Milled Carbon Fiber	■ Carbon Fiber
Diameter (nm)	30	10	150	7000	7000
Length (um)	-	10	10	160	6000
Bulk Density (g/cm ³)	0.1	0.01	0.04	0.1	0.8
Real Density (g/cm ³)	1.5	2	2	1.8	1.8
Surface Area (m ² /g)	800	200	15	5	2
Electrical Conductivity (Ω·cm)	>10 ⁻¹	10 ⁻⁴	10 ⁻⁴	10 ⁻³	10 ⁻³

Electrical Conductivity

