

Volume Resistivity (Ohm.m)	Charge Decay Time	Surface Resistivity (Ohm/Square)	Classification	Examples
$<10^5$	$<0.1\text{ms}$	$<10^5$	Conductive / Low Resistivity	Metals
$10^5$ to $10^9$	0.1ms to 1s	$10^5$ to $10^{11}$	Static Dissipative / Medium Resistivity	Some organic powders, Concrete, wood
$>10^9$	$>1\text{s}$	$>10^{11}$	Non-Conductive / High Resistivity	Synthetic polymers