

Properties of metals and non-metals

Physical Properties	Metals	Non-Metals
Electrical Conductivity	Good conductors (copper wires)	Poor conductors, used as insulators (graphite is an exception) to make sure wires don't touch and cause a short circuit.
Heat conduction	Good as it is used for making cooking pans	Poor, act as an insulator, example, rubber or plastic on handles of pots and pans
Sound when hit	Rings (used in wind chimes and church bells)	Often dull like a thud
Lustre (shininess)	Shiny (silver and gold jewellery and coins)	Dull like carbon or graphite.