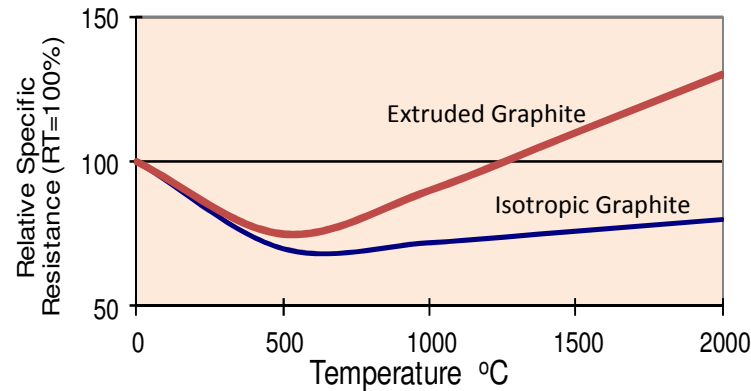


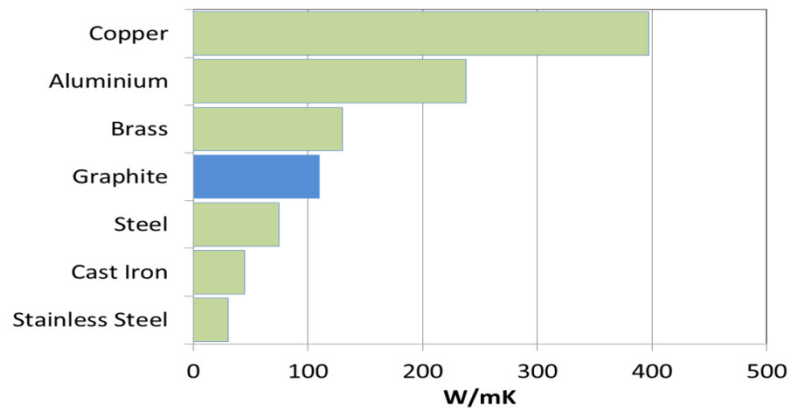
Specific Resistance and Thermal Conductivity

Specific Resistance vs Temperature



One of the most useful characteristics of Graphite is its ability to conduct electricity. Its resistivity decreases slightly up to 600°C but thereafter increases. The resistivity of Graphite can be controlled by careful selection of raw materials and close control of the manufacturing process.

Comparison of Thermal Conductivity



Graphite has an exceptionally high thermal conductivity compared to most materials. Roughly it is one third that of Copper, half that of Aluminium and almost double that of steel at room temperature.