

Copper

Copper is a 99.9% commercially pure material with excellent electrical and thermal conductivity properties.

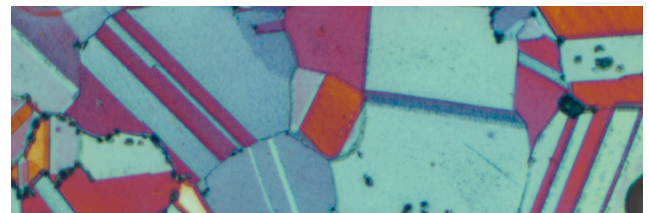
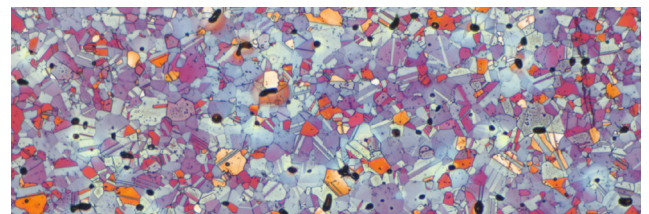
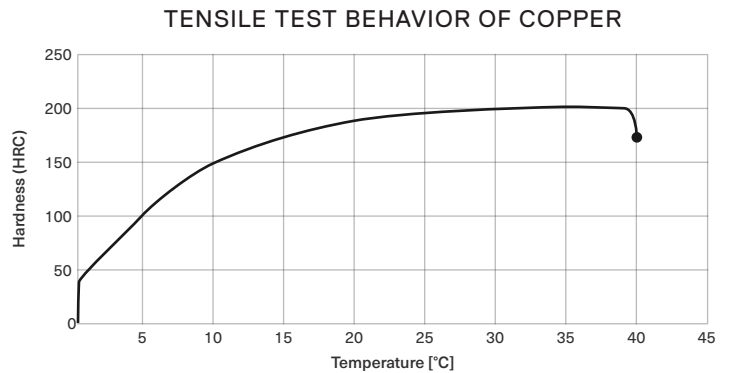
It is mostly used for electronics, heat exchangers, heat sinks, engine parts as well as in a variety of industry applications that require good conductivity.

Printing in copper offers freedom of design and enables optimal functionality with few restrictions.

Features & Benefits	
99.9% pure material	
Excellent thermal and electrical conductivity	
Great ductility	

Composition	Weight%
Copper	99.9
Iron	0.04
Nickel	0.015
Carbon	0.02
Oxygen	0.003
Others	Balance

Density	Hardness (HRC)
Ultimate tensile strength [MPa]	195
Yield strength [MPa]	30
Elongation [%]	35
Sintered density [g/cm ³]	8.6



*LOM Images – DM Cu etched with Klemm's reagent plus polarized light

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