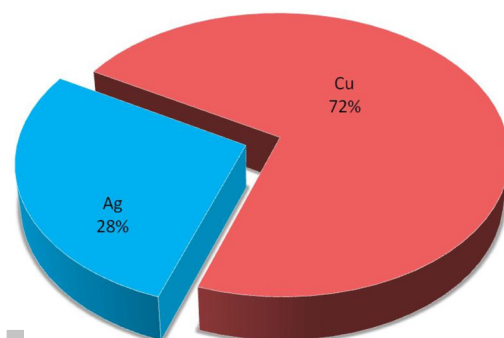




Alloy Copper Silver NANOPARTICLES

Copper Silver Alloy Nanopowder



Composition Chart

Stock No:
NS6130-07-711

Ag:Cu

CAS	:	7440-22-4 / 7440-50-8
Purity	:	99.9%
APS	:	<80nm
Color	:	Gray to Black
Form	:	Powder

Technical Specification

Molecular Formula	:	Ag:Cu
Density	:	0.5-0.7g/cm ³
SSA	:	0.3-0.5m ² /g

Chemical Composition

Assay	:	99.9%
Ag	:	28%
Cu	:	72%
Other Metal	:	< 0.1 %

Copper Silver alloys are some of the most versatile engineering materials available. The combination of physical properties such as strength, conductivity, corrosion resistance, machinability and ductility make Copper suitable for a wide range of applications. These properties can be further enhanced with variations in composition and manufacturing methods. The existence of impurities and all common alloying elements, except for silver, will decrease the electrical and thermal conductivity of copper. As the amount of the second element increases, the electrical conductivity of the alloy decreases.

Application:

- ✓ Roofing
- ✓ Cladding
- ✓ Rainwater systems
- ✓ Heating systems
- ✓ Water pipes and fittings
- ✓ Oil and gas lines
- ✓ Electrical wiring

ISO 9001:2015
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