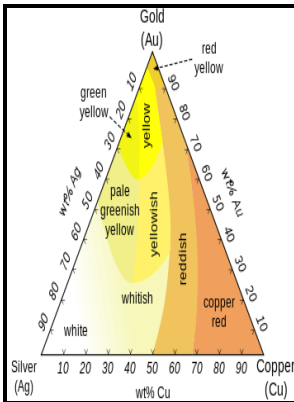


List of alloys

- - NIST Alloy Data



Description: -

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Notes: Reprinted from American Society for Testing Materials.
Proceedings, Vol. 22, Pt. 1, 1922.
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List of named alloys

Heating elements such as in toasters and other electrical resistance heaters make use of. This is the most widely used copper alloy.

List of Common Alloys Composition, Elements, Uses, Type, Properties and Examples

It has a high melting point, low cost of manufacture, strength, ductility, resistance to the flow of electrons, and resistance to oxidation. It possesses extremely high elastic limit. Depending on the composition of metal or non-metal in the alloy, we have different types of alloys being formed.

List of alloys

It is used for plumbing accessories, lamp fixtures, grillwork, screws, rivets, tubes, etc.

NIST Alloy Data

When nickel content is about 18 to 40 per cent, it is known as the high-nickel steel. Silver is one of the most versatile metals on Earth, with a unique combination of uses both as a precious and industrial metal. This alloy is available in different grades and each grade has specific uses.

List of Important Alloys and their Composition

Bronze Bronze is the first alloy that was discovered which consists of 85-88% copper, 12-12. As the industry continues to innovate in both sustainability and usability, steel will continue to be a vital material across industries that we can infinitely recycle and rely on.

Types of Alloys and Their Uses

Brass Brass is similar to Bronze; the only difference is that bronze is an alloy of copper and tin, while brass is an alloy of copper and zinc with some other elements like arsenic, lead, phosphorus, aluminum, manganese, and silicon.

Types of Nickel Alloys and their Properties

There are different types of stainless steel depending on the amount of chromium, iron and other metals in them. Applications include pumps and valves, gaskets, pressure vessels, , and piping products.

NIST Alloy Data

For information on other products, consult our or visit the to locate potential sources of supply or view details on specific products. Vanadium steel has higher tensile and yield strengths.

Related Books

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