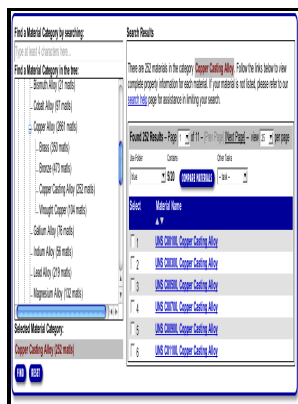


List of alloys

- - Types of Nickel Alloys and their Properties



Description: -

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Alloyslist of alloys
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Notes: Reprinted from American Society for Testing Materials.
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11 Examples of Alloys in Everyday Life

It is tough, strong and hard. The composition of this alloy is primarily nickel with 15-17% molybdenum, 14.

NIST Alloy Data

This alloy was first used in Russia during the nineteenth century and is also called as Russian gold. However, most of the common metal alloys on the above list are actually human inventions that are used to achieve practical purposes.

List of Important Alloys and their Composition

The chemical makeup for an alloy of this type, such as Alloy B-2 ®, has a concentration of molybdenum of 29-30% and a nickel concentration of between 66-74%. The thickness of layer of pure aluminium is about 5 per cent of thickness of core and such a layer prevents corrosion due to salt water.

List of Important Alloys and their Composition

It is one of the most important and widely-used metals today.

List of named alloys

It is hard and brittle. It is ductile and it possesses high tensile strength. Nickel-Molybdenum Alloys Nickel-molybdenum alloys offer high chemical resistance to strong acids and other reducers such as hydrochloric acid, hydrogen chloride, sulfuric acid, and phosphoric acid.

List of Important Alloys and their Composition

It is a substitute for brass.

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