



High Purity CuNi Alloy With Density 8.94 G/cm³ And Bright Surface

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: CuNi Alloy



Product Specification

- Tensile Strength: 400-600 MPa
- Diameter: 0.1~10mm
- Condition: Hard / Soft
- Resistivity: 0.5
- Density: 8.94 G/cm³
- Surface: Bright
- Corrosion Resistance: Excellent
- Application: Industry
- Highlight: **Bright Surface CuNi Alloy,
High Purity CuNi Alloy, 8.94 G/cm³ CuNi Alloy**



Product Description

Product Description:

Our CuNi Alloy product has a resistivity of 0.5, which is ideal for electrical conductivity and resistance. This makes it an excellent choice for use in electrical and electronics industries. It is also popular in the automotive and aerospace industries, as well as in the marine and oil and gas sectors.

The composition of this Alloy Steel Material is a unique blend of copper and nickel, which provides excellent corrosion resistance and durability. The copper content in this material makes it highly resistant to corrosion, while the nickel content adds to its strength and durability.

Our CuNi Alloy product has a bright surface finish, which makes it both aesthetically pleasing and easy to clean. This surface finish also helps to enhance the corrosion resistance of the material. It is easy to machine and weld, making it a favorite among manufacturers and fabricators.

In summary, our CuNi Alloy product is a reliable and durable Alloy Steel Material that is perfect for a wide range of industrial applications. Its unique blend of copper and nickel provides excellent corrosion resistance and durability, while its bright surface finish adds to its aesthetic appeal. Whether you are in the electrical and electronics industries, automotive and aerospace industries, or the marine and oil and gas sectors, our CuNi Alloy product is the perfect choice for your needs.

Features:

Product Name: CuNi Alloy

Condition: Hard / Soft

Resistivity: 0.5

Application: Industry

Surface: Bright

Emf Vs Cu: -18 UV/C

This Alloy Steel Material is perfect for industrial applications. The Copper Alloy Tube is available in both hard and soft conditions, with a resistivity of 0.5 and a bright surface finish. It also has an EMF vs Cu of -18 UV/C.

Technical Parameters:

Application:	Industry
Resistivity:	0.5
Purity:	High Purity
Composition:	Copper and Nickel
Hardness:	80-120 HV
Surface:	Bright
Density:	8.94 g/cm ³
EMF vs. Cu:	-18 μ V/°C
Thermal Expansion Coefficient:	16.5 x 10 ⁻⁶ /K
Maximum Temperature:	200°C

Applications:

The CuNi Alloy is available in both hard and soft conditions, and is known for its high purity. With a density of 8.94 G/cm³, this material has a strong resistance to deformation and is able to maintain its shape even under high stress conditions.

One of the key advantages of Victory's CuNi Alloy is its impressive tensile strength, which can range from 400-600 MPa depending on the specific grade. This makes it a popular choice for use in marine and offshore applications, as well as in the chemical and petrochemical industries.

Another important factor to consider when choosing Victory's CuNi Alloy is its maximum temperature rating. With a maximum operating temperature of 200°C, this material is suitable for use in high temperature applications such as heat exchangers and combustion chambers.

Some of the specific product application occasions and scenarios where Victory's CuNi Alloy is commonly used include:

Marine and offshore environments - due to its high resistance to corrosion and erosion, CuNi Alloy is often used in seawater cooling systems, shipbuilding, and offshore oil and gas platforms.

Chemical and petrochemical industries - CuNi Alloy is frequently used in heat exchangers, piping systems, and other components due to its resistance to chemical corrosion.

Power generation - CuNi Alloy is used in power plants in various applications such as steam generators, heat exchangers, and condensers due to its high temperature resistance and corrosion resistance.

Aerospace - CuNi Alloy is used in aircraft engines and other high temperature and high stress applications due to its strength and heat resistance.

Overall, Victory's CuNi Alloy is a versatile and reliable material that is ideal for use in a wide range of applications. Whether you are looking for a material for use in marine environments, chemical processing, power generation, or aerospace, CuNi Alloy is a great choice.

Customization:

Looking for customized options for your CuNi Alloy product from Victory? We offer a range of services to meet your specific needs:

Copper Alloy Tube customization

Copper Powder Metallurgy options

Inconel Nickel Alloy customization

Our CuNi Alloy product is made in China and features a maximum temperature of 200°C, with a hardness of 80-120 HV and a bright surface. The composition of Copper and Nickel gives it a density of 8.94 G/cm³.

Support and Services:

The CuNi Alloy product technical support and services include:

- Assistance with product selection and application
- Technical consultation regarding product features and specifications
- Troubleshooting and problem-solving support
- On-site technical assistance and training
- Product maintenance and repair services
- Warranty and product performance support

Packing and Shipping:

Product Packaging:

The CuNi alloy product will be packed securely in a sturdy cardboard box.

The box will be sealed with high-quality packing tape to prevent any damage during shipping.

The product will be wrapped in protective material to prevent any scratches or other damage.

A packing slip with product information will be included in the package.

Shipping:

The CuNi alloy product will be shipped via a reputable carrier.

The carrier will be selected based on the shipping address and delivery speed requested.

A tracking number will be provided to the customer once the product has shipped.

Shipping costs will be calculated based on the destination and shipping method selected.

International shipping may be subject to additional fees and customs charges.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Victory.

Q: What is the model number of this product?

A: The model number of this product is CuNi Alloy.

Q: Where is this product manufactured?

A: This product is manufactured in China.

Q: What are the dimensions of the CuNi Alloy product?

A: The dimensions of the CuNi Alloy product vary depending on the specific model and application. Please refer to the product specifications for more information.

Q: What is the CuNi Alloy product used for?

A: The CuNi Alloy product is commonly used in applications that require high resistance to corrosion and high temperatures, such as in marine environments, chemical processing, and power generation.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu