



Discover The Benefits Of Inconel Nickel Alloy With Bright Surface

Our Product Introduction

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Basic Information

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



Product Specification

- Purity: High Purity
- Application: Industry
- Surface: Bright
- Hardness: 80-120 HV
- Density: 8.94 G/cm³
- Composition: Copper And Nickel
- Diameter: 0.1~10mm
- Corrosion Resistance: Excellent
- Highlight: **Bright Surface Inconel Nickel Alloy,
Corrosion Resistance Inconel Nickel Alloy**

Product Description

Product Description:

The CuNi Alloy has a diameter range of 0.1 to 10mm, with a hardness range of 80 to 120 HV. This makes it a versatile material that can be used in a variety of applications. Its excellent corrosion resistance makes it ideal for use in marine environments, where it is frequently used in the manufacture of copper alloy tubes for seawater cooling systems.

The CuNi Alloy has a thermal expansion coefficient of $16.5 \times 10^{-6}/K$, which means that it can expand and contract without deforming or cracking. This property makes it an ideal material for use in high-temperature applications, such as in heat exchangers and boilers. Its high thermal conductivity also makes it a popular choice in the manufacturing of heat sinks and other thermal management solutions.

The CuNi Alloy is a versatile material that has many applications across various industries. Its excellent corrosion resistance, high thermal conductivity, and precise control over its properties make it an ideal material for use in a wide range of applications. Whether you need a material for use in marine environments or high-temperature applications, the CuNi Alloy is an excellent choice.

Features:

Product Name: CuNi Alloy

Resistivity: 0.5

Condition: Hard / Soft

Hardness: 80-120 HV

Emf Vs Cu: -18 UV/C

Composition: Copper And Nickel

Keywords: Copper Nickel Alloy, Copper Bronze Alloy, Aluminium Copper Alloy

Technical Parameters:

Condition	Hard / Soft
Corrosion Resistance	Excellent
Maximum Temperature	200°C
Composition	Copper And Nickel
Thermal Expansion Coefficient	$16.5 \times 10^{-6}/K$
Surface	Bright
Purity	High Purity
Hardness	80-120 HV
Diameter	0.1~10mm

Applications:

The CuNi Alloy is manufactured in China, adhering to the highest quality standards. Victory's CuNi Alloy has a tensile strength of 400-600 MPa, making it a strong and durable product. It has a density of 8.94 G/cm³, which adds to its strength and durability.

The CuNi Alloy is widely used in the industry for various applications. One of the primary applications of the CuNi Alloy is in the manufacturing of Copper Alloy Tubes. Copper Alloy Tubes are used in a variety of industries, including HVAC systems, refrigeration systems, and power plants. The CuNi Alloy's high resistivity makes it an ideal choice for these applications, where electrical conductivity is a critical factor.

Another application of the CuNi Alloy is in Copper Powder Metallurgy. This process involves the production of metallic components through the use of metal powders. The CuNi Alloy is an ideal choice for this application due to its high strength and durability.

The CuNi Alloy is also used in the production of Aluminium Copper Alloy. Aluminium Copper Alloys are widely used in the aerospace industry, where high strength and durability are critical factors. The CuNi Alloy's strength and durability make it an ideal choice for this application.

Overall, Victory's CuNi Alloy is a versatile product that finds application in a variety of industries. Its high resistivity, strength, and durability make it an ideal choice for applications where electrical conductivity and strength are critical factors.

Customization:

Customize your CuNi Alloy product from Victory with our product customization services. Our CuNi Alloy product is made of high-quality copper metal products and alloy steel material, and it is manufactured in China with the model number CuNi Alloy.

Our product comes with a tensile strength of 400-600 MPa, -18 UV/C emf vs Cu, and can withstand a maximum temperature of up to 200°C. It is perfect for industrial applications and has a resistivity of 0.5.

With our product customization services, you can modify the CuNi Alloy product to meet your specific needs and requirements. We offer a wide range of customization options to choose from, including size, shape, and material.

Trust Victory for all your Copper Powder Metallurgy needs. Contact us today to learn more about our product customization services.

Support and Services:

The technical support and services for our CuNi Alloy product include:

- Expert advice on product selection and application
- Material testing and analysis
- Customized product development
- Technical training and education
- On-site technical assistance and troubleshooting
- Product documentation and literature
- Warranty and product performance guarantees

Packing and Shipping:

Product Packaging:

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

The box will also include foam inserts to prevent any damage during transit.

The product will be labeled with the product name, quantity, and any other necessary information.

Shipping:

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

The shipping cost will be calculated based on the weight and destination of the product.

The estimated delivery time will be provided to the customer upon checkout.

A tracking number will be provided to the customer so they can track their package during transit.

FAQ:

Q: What is the brand name of the CuNi Alloy product?

A: The brand name of the product is Victory.

Q: What is the model number of the CuNi Alloy product?

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

Q: Where is the CuNi Alloy product manufactured?

A: The product is manufactured in China, the place of origin.

Q: What are the applications of CuNi Alloy?

A: CuNi Alloy is commonly used in various industries such as marine, chemical, petrochemical, and power generation due to its excellent resistance to corrosion and high temperatures.

Q: What are the available forms of CuNi Alloy?

A: CuNi Alloy is available in various forms such as wire, bar, sheet, plate, pipe, and tube to suit different requirements.



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