



8.94 G/Cm3 Density Industrial Alloy Steel For Maximum 200c Degrees Application

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS
- Model Number: CuNi Alloy
- Minimum Order Quantity: 2kg
- Packaging Details: Spool package with Carton box, Coil package with polybag for pure nickel wire 0.025mm
- Delivery Time: 5-21 days
- Payment Terms: L/C, D/A, D/P, Western Union
- Supply Ability: 300 tons per month



Product Specification

- Application: Heating, Resistivity
- Corrosion Resistance: Excellent
- Maximum Temperature: 220°C
- Hardness: 80-150 HV
- Machinability: Fair
- Technology: Rolling And Drawing
- Condition: Hard / Soft
- Yield Strength: 140-450 MPa
- Density: 8.94 G/cm3
- Weldability: Good
- Melting Point: 1170-1240°C
- Tensile Strength: 380-620 MPa
- Shape: Custom
- Diameter: 0.1~10mm
- Applications: Marine, Chemical, And Electrical Industries



More Images



Product Description

Product Description:

With a density of 8.94 G/cm³ and a diameter range of 0.1~10mm, our CuNi Alloy is the perfect choice for a wide range of applications. Whether you're looking for an Aluminium Copper Alloy for high-performance electronics or a Copper Alloy Tube for plumbing and HVAC systems, our product is the perfect fit.

Made from a blend of copper and nickel, our CuNi Alloy is designed to provide superior performance in a variety of environments. With its bright surface and excellent thermal expansion coefficient of $16.5 \times 10^{-6}/K$, this product is the ideal choice for any application where high-quality Copper Metal Products are required.

So why wait? Contact us today to learn more about our CuNi Alloy product and how it can help you achieve your goals.

Features:

Product Name: CuNi Alloy

Inconel Nickel Alloy

Copper Based Alloys

Maximum Temperature: 200°C

Condition: Hard / Soft

Corrosion Resistance: Excellent

Surface: Bright

Thermal Expansion Coefficient: $16.5 \times 10^{-6}/K$

Technical Parameters:

Technical Parameter	Value
Condition	Hard / Soft
Emf Vs Cu	-18 UV/C
Resistivity	0.5
Density	8.94 G/cm ³
Diameter	0.1~10mm
Purity	High Purity
Tensile Strength	400-600 MPa
Surface	Bright
Thermal Expansion Coefficient	$16.5 \times 10^{-6}/K$
Surface	Bright

This product is a Copper Based Alloy, produced by Copper Powder Metallurgy. It also includes an Inconel Nickel Alloy.

Applications:

The CuNi Alloy has excellent corrosion resistance which makes it ideal for use in marine environments, as well as in chemical and petrochemical industries. It can withstand high temperatures up to 200°C, which makes it useful for high-temperature applications.

The surface of Victory's CuNi Alloy is bright and smooth, which makes it aesthetically pleasing and ideal for decorative purposes as well.

The CuNi Alloy is widely used in various industries such as the shipbuilding industry, offshore oil and gas industry, power generation industry, and heat exchanger industry. It is commonly used for making pipes, valves, fittings, and heat exchangers. Due to its excellent corrosion resistance, it is an ideal material for use in seawater applications.

Another important attribute of the CuNi Alloy is its low EMF (electromotive force) compared to copper. It has an EMF vs Cu of -18 UV/C, which makes it suitable for use in electrical and electronic applications.

In summary, Victory's CuNi Alloy is a high-quality copper metal product that is suitable for a wide range of applications. Its excellent corrosion resistance, high-temperature tolerance, and bright surface make it an ideal material for use in various industries.

Customization:

Looking for customized Copper Nickel Alloy products? Look no further than Victory's CuNi Alloy. Our products are made using Copper Powder Metallurgy and Aluminium Copper Alloy, ensuring high-quality and durability. Our CuNi Alloy is made in China and boasts a Tensile Strength of 400-600 MPa, a Bright surface, a Diameter of 0.1~10mm, and a Hardness of 80-120 HV.

Additionally, our product has Excellent Corrosion Resistance, making it a reliable choice for any project. Contact us today to learn more about our Product Customization Services.

Support and Services:

Our CuNi alloy product is backed by a comprehensive technical support and services team, dedicated to providing our customers with the following:

Expert technical advice and consultation on product selection, application, and maintenance

Customized product design and engineering services to meet specific project requirements
Quality control and testing services to ensure product performance and reliability
Product training and education for customers and their teams on proper handling, installation, and operation
24/7 customer service and support for technical issues and emergencies
We strive to deliver the highest level of support and services to ensure our customers' success with our CuNi alloy product.

Packing and Shipping:

Product Name: CuNi Alloy

Description: A copper-nickel alloy with high resistance to corrosion and oxidation, commonly used in marine applications.

Packaging: The CuNi Alloy product will be carefully packaged in a sturdy wooden crate to ensure safe transport and delivery.

Shipping: We offer both domestic and international shipping options for our CuNi Alloy product. Shipping rates will vary based on the destination and weight of the shipment. Please contact us for a shipping quote.

FAQ:

Here are the frequently asked questions and answers for the CuNi Alloy product:

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

A: The brand name of the CuNi Alloy product is Victory.

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

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

Q: Where is the CuNi Alloy product made?

A: The CuNi Alloy product is made in China.

Q: What are the main characteristics of the CuNi Alloy product?

A: The CuNi Alloy product has excellent corrosion resistance, high electrical conductivity, and good thermal conductivity.

Q: What applications is the CuNi Alloy product suitable for?

A: The CuNi Alloy product is suitable for a wide range of applications, including heating elements, resistors, electrical contacts, and thermocouples.



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