



High Purity Copper Alloy Wire Emf Vs Cu -18 UV/C For Industrial Applications

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS
- Model Number: CuNi Alloy



Product Specification

- Thermal Expansion Coefficient: $16.5 \times 10^{-6}/K$
- Hardness: 80-120 HV
- Diameter: 0.1~10mm
- Condition: Hard / Soft
- Application: Industry
- Tensile Strength: 400-600 MPa
- Resistivity: 0.5
- Corrosion Resistance: Excellent
- Highlight: **High Purity Copper Alloy Tube,
Industrial Applications Copper Alloy Tube**



Product Description

Product Description:

The CuNi Alloy has a hardness range of 80-120 HV, which means that it is a relatively hard material that can withstand wear and tear. This makes it ideal for use in applications where there is a lot of friction, such as in bearings or gears. Additionally, the CuNi Alloy has a maximum temperature of 200°C, which makes it suitable for use in high-temperature applications. One of the key benefits of the CuNi Alloy is its excellent corrosion resistance. This alloy is highly resistant to corrosion, even in harsh environments such as saltwater or acidic conditions. This makes it ideal for use in marine applications or in chemical processing plants. In conclusion, the CuNi Alloy is a copper bronze alloy that is used as an alloy steel material. It has excellent properties such as high hardness, a bright surface finish, and superior corrosion resistance. Its resistivity of 0.5 makes it highly conductive, and its maximum temperature of 200°C makes it suitable for use in high-temperature applications. Whether you need a material for bearings, gears, marine applications, or chemical processing plants, the CuNi Alloy is an excellent choice.

Features:

Product Name: CuNi Alloy
Hardness: 80-120 HV
Thermal Expansion Coefficient: $16.5 \times 10^{-6}/K$
Condition: Hard / Soft
Application: Industry
Surface: Bright
Material Type: Copper Based Alloys
Alloy Type: Copper Bronze Alloy

Technical Parameters:

Composition	Copper and Nickel
Diameter	0.1~10mm
Density	8.94 G/cm ³
Thermal Expansion Coefficient	$16.5 \times 10^{-6}/K$
Maximum Temperature	200°C
Emf Vs Cu	-18 UV/C
Hardness	80-120 HV
Corrosion Resistance	Excellent
Surface	Bright

Applications:

One of the main applications of CuNi Alloy is in the marine industry. Due to its resistance to corrosion and high strength properties, this alloy is used in the construction of boats, ships, and other marine vessels. It is also used in heat exchangers and pipelines in the marine industry.

Another industry where CuNi Alloy is commonly used is the oil and gas industry. This alloy is used in the construction of pipelines, valves, and other equipment that can withstand high pressures and temperatures. Its high strength and resistance to corrosion make it a popular choice for these applications.

Victory's CuNi Alloy is also used in the aerospace industry. It is used in the construction of aircraft components as well as in the manufacturing of jet engines. Its high strength and lightweight properties make it a popular choice for these applications.

In the automotive industry, CuNi Alloy is used in the manufacturing of various components such as brake lines, fuel lines, and hydraulic lines. Its resistance to corrosion and high strength make it a reliable choice for these components.

CuNi Alloy is also used in the construction industry. It is used in the manufacturing of heating and cooling systems, as well as in the construction of bridges and other infrastructure. Its high strength and resistance to corrosion make it a reliable choice for these applications.

Overall, Victory's CuNi Alloy is a highly versatile alloy steel metal that can be used in various applications across different industries. Its copper bronze alloy composition, combined with its high resistivity of 0.5, makes it a reliable and durable choice for different types of equipment and structures. Its hardness of 80-120 HV and density of 8.94 G/cm³ make it a strong and sturdy material. Whether in hard or soft conditions, CuNi Alloy's tensile strength of 400-600 MPa makes it a dependable choice for a range of applications.

Customization:

Customize your Victory CuNi Alloy, an alloy steel metal that is known for its excellent corrosion resistance and high durability. Our CuNi Alloy is made of copper nickel alloy which is a popular alloy steel material used in various applications in the industry. Our CuNi Alloy comes from China and has a hardness of 80-120 HV with a bright surface. It also has a high tensile strength of 400-600 MPa and can withstand a maximum temperature of 200°C. It is ideal for use in different industrial applications.

Contact us now to customize your Victory CuNi Alloy according to your specific requirements.

Support and Services:

CuNi alloys are copper-nickel alloys that have excellent resistance to corrosion and high thermal conductivity. They are widely used in marine applications, heat exchangers, and electrical components.

Our technical support team is available to assist with any questions regarding the CuNi alloy product. We provide support in selecting the appropriate alloy for your specific application, as well as guidance on welding, fabrication, and machining.

Additionally, we offer a range of services to ensure the highest quality product. These services include heat treatment, testing, and certification. Our team of experts can provide customized solutions to meet your unique needs and requirements.

Packing and Shipping:

Product Name: CuNi Alloy

Quantity: 1 kg

Dimensions: 10 cm x 10 cm x 5 cm

Weight: 1.5 kg

Shipping Information:

Shipping Method: Standard Shipping

Shipping Cost: \$10

Delivery Time: 5-7 business days

Packaging Information:

Packaging Type: Cardboard Box

Packaging Dimensions: 20 cm x 20 cm x 20 cm

Packaging Weight: 0.5 kg

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 manufactured?

A: The CuNi Alloy product is manufactured in China.

Q: What are the key features of the CuNi Alloy product?

A: The CuNi Alloy product is highly resistant to corrosion and oxidation, has excellent thermal conductivity, and is easy to fabricate and install.

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

A: The CuNi Alloy product is commonly used in marine and offshore applications, power generation, chemical processing, and other industries where corrosion resistance and durability are important.



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