

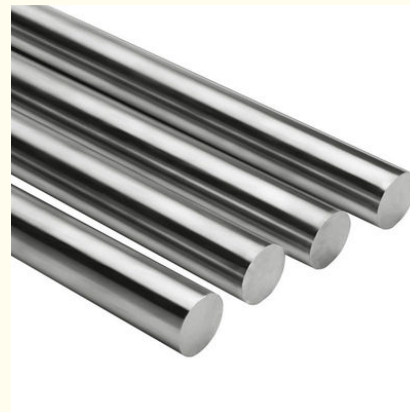


FeCrAl Alloy Density Nickel 80% 20-30% Elongation Rod with 7.1 Density and 1.45 Resisivity

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS
- Model Number: FeCrAl 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, T/T
- Supply Ability: 300 tons per month



Product Specification

- Thermal Expansion: 8.2-9.2 $\mu\text{m/mK}$
- Density: 7.1
- Port: Shanghai, China
- Nickel: 80%
- Length: Depend On Customer
- Supply State: Rod
- Elongation: 20-30%
- Resisivity: 1.45
- Highlight: 80% FeCrAl Alloy Rod,
1.45 Resisivity FeCrAl Alloy Rod,
7.1 Density FeCrAl Alloy Rod



Product Description

Product Description:

The FeCrAl Alloy product comes in the shape of wires that are bright in appearance. The wires are available in different sizes to cater to the specific needs of different applications. The wires have an elongation rate of 20-30%, which makes them highly flexible and easy to work with.

One of the key features of the FeCrAl Alloy product is its excellent corrosion resistance. It is highly resistant to corrosion and can withstand harsh chemical environments. This makes it an ideal choice for use in chemical processing plants, where exposure to corrosive substances is common.

The FeCrAl Alloy product also has a low thermal expansion rate of 8.2-9.2 $\mu\text{m/mK}$. This means that it can withstand high temperatures without expanding or contracting excessively. This makes it an ideal choice for use in high-temperature applications, such as heating elements in industrial furnaces and ovens.

The FeCrAl Alloy product is also known for its high temperature strength. It can withstand temperatures of up to 1200°C without losing its strength or ductility. This makes it an ideal choice for use in high-temperature applications, such as heating elements in industrial furnaces and ovens.

The FeCrAl Alloy product is widely used in various industrial applications, such as heating elements, resistance wires, and electrical heating appliances. It is also used in the production of ceramic glazes and pigments.

In conclusion, the FeCrAl Alloy product is a highly versatile and reliable iron-base alloy that offers excellent corrosion resistance, high temperature strength, and good oxidation resistance. Its low thermal expansion rate, bright appearance, and high elongation rate make it an ideal choice for use in various industrial applications where high-temperature resistance is required.

Features:

Product Name: FeCrAl Alloy

Length: Depend On Customer

Melting Point: 1400-1520°C

Shape: Wire

Resisivity: 1.45

Density: 7.1

Material Type: Iron-Base Alloy

Applications: Ferro Alloy Slag, Alloy Tool Steel

Technical Parameters:

| Product Attribute | Value |
|-------------------|--------------------------|
| Thermal Expansion | 8.2-9.2 $\mu\text{m/mK}$ |
| Resisivity | 1.45 |
| Length | Depend On Customer |
| Supply State | Rod |
| Grade | Cr22Al4.5, 0Cr25Al5 |
| Elongation | 20-30% |
| Port | Shangahi,China |
| Tensile Strength | 600-800 MPa |
| Nickel | 80% |
| Density | 7.1 |

Applications:

The FeCrAl Alloy is made up of 80% Nickel and is available in two grades: Cr22Al4.5 and 0Cr25Al5. It is supplied in rod form and packaged in wooden boxes to ensure its safety during transportation.

The corrosion resistance of DLX FeCrAl Alloy is excellent, making it suitable for use in harsh environments. It is also resistant to Ferro Alloy Slag, which is a byproduct of the metal refining process.

The following are some of the application occasions and scenarios where DLX FeCrAl Alloy can be used:

Heating elements: DLX FeCrAl Alloy is commonly used in heating elements for household appliances such as ovens, toasters, and hairdryers. It is also used in industrial heating applications such as furnaces and kilns.

Resistance wires: DLX FeCrAl Alloy can be used as resistance wires in electronic devices that require high-temperature resistance.

Catalytic converters: DLX FeCrAl Alloy is used in catalytic converters for automobiles to reduce emissions.

Petrochemical industry: DLX FeCrAl Alloy is used in the petrochemical industry for applications that require high-temperature resistance and corrosion resistance such as heat exchangers, reactors, and piping.

Aerospace industry: DLX FeCrAl Alloy is used in the aerospace industry for applications that require high-temperature resistance and corrosion resistance such as gas turbines.

In summary, DLX FeCrAl Alloy is an excellent material for applications that require high-temperature resistance and corrosion resistance.

It is an Iron-Base Alloy that is resistant to Ferro Alloy Slag, making it an ideal material for use in various industries.

Customization:

DLX offers product customization services for FeCrAl Alloy, an iron-base alloy made in China. The product is available in wire shape with a bright status, and its length can be customized depending on the customer's needs. FeCrAl Alloy is available in two grades: Cr22Al4.5 and 0Cr25Al5 with a tensile strength of 600-800 MPa. This alloy is commonly used in the production of ferritic stainless steel and can also be used to produce Ferro Alloy Slag. Contact us to learn more about our FeCrAl Alloy product customization services.

Support and Services:

Our FeCrAl Alloy product is backed by our comprehensive technical support and services to ensure that our customers get the most out of their purchase. Our experienced team of engineers and technicians are available to provide assistance with product selection, installation, operation, and maintenance. We also offer training programs to help customers optimize their use of our FeCrAl Alloy product. In addition, we provide repair and refurbishment services to extend the life of the product and minimize downtime. Contact us for more information on our technical support and services.

Packing and Shipping:

Product Packaging:

The FeCrAl alloy product will be packaged in sturdy and secure boxes.

The boxes will have proper labeling and markings indicating the product name, quantity, and other important information.

The product will be carefully wrapped and cushioned to prevent any damage during transportation.

Shipping:

The FeCrAl alloy product will be shipped through a reliable and trusted shipping carrier.

The shipping carrier will be selected based on the delivery location and the most efficient and cost-effective shipping method.

The shipping time and tracking information will be provided to the customer once the product is shipped.

FAQ:

Q: What is DLX FeCrAl Alloy?

A: DLX FeCrAl Alloy is a type of high-resistance heating alloy made from iron, chromium, and aluminum. It is commonly used in heating elements for industrial and household appliances.

Q: What are the advantages of using DLX FeCrAl Alloy?

A: DLX FeCrAl Alloy has excellent oxidation resistance, high-temperature strength, and a low temperature coefficient of resistance. It also has a long service life and can withstand high temperatures up to 1400°C.

Q: What applications is DLX FeCrAl Alloy suitable for?

A: DLX FeCrAl Alloy is commonly used in heating elements for industrial and household appliances such as ovens, toasters, hair dryers, and electric heaters. It is also used in the manufacturing of ceramic glazes and as a heating element in the automotive industry.

Q: Where is DLX FeCrAl Alloy made?

A: DLX FeCrAl Alloy is manufactured in China.

Q: What is the lifespan of DLX FeCrAl Alloy?

A: The lifespan of DLX FeCrAl Alloy depends on various factors such as the operating temperature, the environment, and the usage. However, with proper care and maintenance, it can last for many years.



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