



Dependable Bright FeCrAl Alloy Cr22Al4.5 0Cr25Al5 for Optimal Corrosion Resistance

Our Product Introduction

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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

- Grade: Cr22Al4.5, 0Cr25Al5
- Port: Shanghai, China
- Thermal Expansion: 8.2-9.2 $\mu\text{m/mK}$
- Status: Bright
- Corrosion Resistance: Excellent
- Package: Wooden Box
- Melting Point: 1400-1520°C
- Length: Depend On Customer
- Highlight: **Optimal Corrosion Resistance FeCrAl Alloy, Bright FeCrAl Alloy Cr22Al4.5, 0Cr25Al5 FeCrAl Alloy**



Product Description

Product Description:

One of the distinctive features of FeCrAl Alloy is its thermal expansion properties, which range from 8.2-9.2 $\mu\text{m/mK}$. This makes it ideal for use in high-temperature environments, where traditional metal alloys would fail. FeCrAl Alloy can withstand extreme temperatures and maintain its structural integrity, making it a reliable option for industrial applications.

Another key attribute of FeCrAl Alloy is its resistivity, which is 1.45. This makes it an excellent choice for electrical heating elements, where a high level of resistance is required. FeCrAl Alloy is commonly used in the production of heating elements for industrial furnaces, ovens, and other high-heat applications.

FeCrAl Alloy is also known for its resistance to Ferro Alloy Slag, which is a byproduct of steel manufacturing. Ferro Alloy Slag can damage and erode traditional metal alloys, but FeCrAl Alloy is specifically designed to withstand this harsh environment. This makes it an ideal choice for use in steel mills and other industrial settings where Ferro Alloy Slag is present.

In conclusion, FeCrAl Alloy is a reliable, versatile, and high-quality Iron-Base Alloy that is commonly used in various industrial settings. Its unique properties, including its thermal expansion, resistivity, and resistance to Ferro Alloy Slag, make it an excellent choice for applications where other metal alloys would fail. Produced in Shanghai, China, FeCrAl Alloy is a trusted and dependable product that is used by industrial manufacturers and producers worldwide.

Features:

Product Name: FeCrAl Alloy

Thermal Expansion: 8.2-9.2 $\mu\text{m/mK}$

Grade: Cr22Al4.5, 0Cr25Al5

Elongation: 20-30%

Shape: Wire

Resisivity: 1.45

This FeCrAl Alloy is commonly used in the production of Ferro Alloy Slag, Ferro Silicon Alloy, and Ferritic Stainless Steel due to its high resistance to oxidation and high-temperature strength.

Technical Parameters:

| Technical Parameter | Value |
|---------------------|--------------------------|
| Nickel | 80% |
| Grade | Cr22Al4.5, 0Cr25Al5 |
| Density | 7.1 |
| Port | Shanghai, China |
| Elongation | 20-30% |
| Resisivity | 1.45 |
| Shape | Wire |
| Supply State | Rod |
| Thermal Expansion | 8.2-9.2 $\mu\text{m/mK}$ |
| Status | Bright |

Applications:

One of the most common applications for DLX FeCrAl Alloy is in the production of heating elements. Its high resistivity of 1.45 makes it an ideal material for creating heating elements that can withstand high temperatures without breaking down. This product is used in a variety of heating applications, such as industrial furnaces, ovens, and kilns.

Another common use for DLX FeCrAl Alloy is in the production of Ferro Alloy Slag. This product is used as a flux in the production of steel and other metal alloys. It helps to remove impurities from the metal and improve its overall quality. DLX FeCrAl Alloy is an ideal material for this application due to its high melting point and resistance to corrosion.

DLX FeCrAl Alloy is also used in the production of resistors and other electronic components. Its high resistivity and excellent mechanical properties make it an ideal material for creating these components. The product is used in various electronic applications, such as power supplies, electric blankets, and electric heaters.

The product comes in two grades: Cr22Al4.5 and 0Cr25Al5. Both grades have excellent mechanical properties, with a tensile strength of 600-800 MPa and an elongation of 20-30%. DLX FeCrAl Alloy is typically packaged in a wooden box to protect it during transportation and storage.

In conclusion, DLX FeCrAl Alloy is a versatile product that can be used in a variety of industrial applications. Its high resistance to heat and corrosion, combined with its excellent mechanical properties, make it an ideal material for creating heating elements, Ferro Alloy Slag, and electronic components. With its two grades, Cr22Al4.5 and 0Cr25Al5, DLX FeCrAl Alloy can meet the needs of different industries and applications.

Support and Services:

Our FeCrAl alloy product technical support and services include:

- Assistance with material selection and customization
- Guidance on proper handling, storage, and usage
- Troubleshooting and problem-solving for any issues or concerns
- On-site testing and analysis to ensure quality and performance
- Training and education for optimal product use and maintenance

Packing and Shipping:

Product Packaging:

The FeCrAl alloy product will be packaged in a sturdy cardboard box to ensure safe transport. The box will be labeled with the product name, quantity, and any necessary handling instructions.

Shipping:

We will ship the FeCrAl alloy product via a reputable courier service, such as FedEx or UPS. The shipping cost will be calculated based on the destination and weight of the package. Customers can expect to receive a tracking number once the package has been shipped.

FAQ:

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

2. Q: What are the benefits of using DLX FeCrAl Alloy?

A: The DLX FeCrAl Alloy has high electrical resistivity, high melting point, and excellent oxidation resistance, making it ideal for high-temperature applications. It also has good corrosion resistance and mechanical strength.

3. Q: What is the maximum operating temperature of DLX FeCrAl Alloy?

A: The maximum operating temperature of DLX FeCrAl Alloy can reach up to 1400°C (2552°F).

4. Q: Can DLX FeCrAl Alloy be customized according to my specific requirements?

A: Yes, DLX FeCrAl Alloy can be customized according to your specific requirements, such as the alloy composition, wire diameter, and resistance value.

5. Q: Where is DLX FeCrAl Alloy manufactured?

A: DLX FeCrAl Alloy is manufactured in China, where we have a state-of-the-art factory that produces high-quality alloys using advanced technology and strict quality control.



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