



FeCrAl Alloy Bar Ultimate Solution For High Temperature Heating Requirements

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO SGS
- Model Number: FeCrAl



Product Specification

- Highlight: High Temperature FeCrAl Alloy, Heating FeCrAl Alloy Plate, Iron-Chromium-Aluminum Plate



More Images



Product Description

Product Description:

This particular FeCrAl Alloy product is supplied in the form of rods, and is available for purchase in Shanghai, China. The rods are made from a combination of ferritic stainless steel and ferro alloy slag, which gives them their unique properties. One of the key benefits of this FeCrAl Alloy product is its low thermal expansion coefficient. With a coefficient of 8.2-9.2 $\mu\text{m/mK}$, it is able to maintain its shape and size even when exposed to high temperatures. This is especially important in applications where precision is critical, such as in the manufacture of electronic components and other high-tech devices. In addition to its low thermal expansion coefficient, this FeCrAl Alloy product also has a high resistivity. With a resistivity of 1.45, it is able to conduct electricity effectively while still maintaining its strength and durability. This makes it ideal for use in heating elements and other electrical applications where both conductivity and strength are important. Finally, it is worth noting that this FeCrAl Alloy product contains a high percentage of nickel, with 80% of its composition being made up of this metal. Nickel is known for its excellent resistance to corrosion and oxidation, and is often used in the manufacture of high-quality stainless steel alloys. This addition of nickel to the FeCrAl Alloy product helps to enhance its overall strength and durability, making it an excellent choice for a wide range of industrial applications.

Features:

Product Name: FeCrAl Alloy
Shape: Wire
Tensile Strength: 600-800 MPa
Elongation: 20-30%
Status: Bright
Nickel: 80%
Material Type: Iron-Base Alloy
Produced from Ferro Alloy Slag
Used in the production of Ferritic Stainless Steel

Technical Parameters:

Shape	Wire
Package	Wooden Box
Resisivity	1.45
Elongation	20-30%
Tensile Strength	600-800 MPa
Nickel	80%
Length	Depend On Customer
Density	7.1
Supply State	Rod
Port	Shangahi,China

Applications:

This FeCrAl Alloy is commonly used in the production of alloy tool steel, which is used in the manufacturing of cutting tools, dies, and molds. This alloy is also used in the production of ferro alloy slag, which is used in the steelmaking process to remove impurities from the molten metal.

The Victory FeCrAl Alloy has a density of 7.1, making it lightweight and easy to handle. It comes in a rod form and is available in a bright status. The package for this product is a wooden box, ensuring that the product is well-protected during transportation.

There are various application occasions and scenarios where the Victory FeCrAl Alloy can be used. It is commonly used in the production of heating elements for industrial and household appliances. It is also used in the production of thermocouples, which are used for temperature measurement in various industries.

The Victory FeCrAl Alloy is also used in the automotive industry for exhaust systems, where it is exposed to high temperatures and corrosive gases. This alloy is also used in the aerospace industry for engine components and turbine blades, where it is exposed to extreme temperatures and high stress levels.

In conclusion, the Victory FeCrAl Alloy is a versatile and reliable product that can be used in various industries. Its unique properties make it ideal for high-temperature applications, and its lightweight and easy-to-handle nature make it a popular choice among manufacturers.

Customization:

Brand Name: Victory
Model Number: FeCrAl Alloy
Place of Origin: China JiangSu
Minimum Order Quantity: 5
Corrosion Resistance: Excellent
Elongation: 20-30%
Port: Shangahi,China

Tensile Strength: 600-800 MPa

Shape: Wire

Our FeCrAl Alloy product is a ferritic stainless steel composed of iron, chromium, and aluminum. It is a ferro silicon alloy with excellent corrosion resistance and a high elongation of 20-30%. With a tensile strength of 600-800 MPa, it is a durable and reliable material for various applications. Our product is manufactured in China JiangSu and can be customized to meet your specific requirements.

Support and Services:

Our FeCrAl alloy products are designed to provide exceptional high-temperature oxidation and corrosion resistance. We offer comprehensive technical support and services to ensure optimal performance and reliability of our products. Our team of experienced engineers can provide assistance with material selection, design optimization, and failure analysis. We also offer testing and analysis services, including metallurgical analysis, mechanical testing, and corrosion testing. In addition, we provide product training and education for our customers to ensure proper handling, installation, and maintenance of our FeCrAl alloy products. Our technical support team is available 24/7 to answer any questions or concerns you may have. We are committed to providing the highest level of customer support and satisfaction.

Packing and Shipping:

Product Packaging:

The FeCrAl Alloy product will be packed in sturdy, corrugated cardboard boxes.

The boxes will be sealed with tape to prevent any damage during transit.

Each box will contain a label with the product name, quantity, and handling instructions.

Shipping:

The FeCrAl Alloy product will be shipped via a reputable courier service.

The courier will ensure that the product is delivered in a timely and safe manner.

Customers will be provided with a tracking number to monitor the progress of their shipment.

FAQ:

Q: What is the brand name of this product?

A: The brand name of this product is Victory.

Q: What is the model number of this product?

A: The model number of this product is FeCrAl Alloy.

Q: Where is this product made?

A: This product is made in China JiangSu.

Q: What is the minimum order quantity for this product?

A: The minimum order quantity for this product is 5.

Q: Is this product suitable for high-temperature applications?

A: Yes, this product is made of FeCrAl alloy which is known for its high-temperature resistance and is suitable for high-temperature applications.



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