



1.45 MΩ·m High Temperature Annealed Fecral Wire / Alloy Fecral Wire In Coils

Basic Information

- Place of Origin: China JiangSu
- Brand Name: Victory
- Model Number: FeCrAl



Product Specification

- Melting Point: 1500°C
- Application: Heating, Resistivity
- Max Operating Temperature: 1400°C
- Packing: On Spool Or In Coils
- Max Working Temperature: 1250°C
- Tensile Strength: ≥ 650 MPa
- Magnetic Properties: Magnetic
- Material: FeCrAl (Iron-Chromium-Aluminum)
- Highlight: **1.45 $\mu\Omega\cdot m$ Fecral Wire, Alloy Fecral Wire, High Temperature Annealed Fecral Wire**



Product Description

Product Description:

One of the key features of FeCrAl wire is its resistivity. It has a resistivity of 1.35 - 1.45 $\mu\Omega\cdot\text{m}$, which means that it can withstand high temperatures and has excellent electrical conductivity. This makes it an ideal material for use in electric heating elements, including industrial furnaces, household appliances, and heating coils.

FeCrAl Wire comes in two forms: Bare Copper FeCrAl Wire and Copper Clad Steel Wire. The bare copper wire is used for applications where the wire needs to be insulated, while the copper-clad steel wire is used for applications where the wire needs to be more durable and resistant to corrosion.

FeCrAl Wire is packed on spools or in coils, depending on the customer's requirements. This makes it easy to handle and transport, and ensures that the wire is protected from damage during shipping and storage.

Another important feature of FeCrAl Wire is its melting point. It has a melting point of 1500°C, which makes it highly resistant to heat. This means that it can be used in applications where high temperatures are required, such as in industrial furnaces and ovens.

FeCrAl Wire is available in a variety of surface finishes, including bright, oxidized, and acid. The bright surface finish is ideal for applications where a clean, polished appearance is required, while the oxidized and acid finishes are more suitable for applications where corrosion resistance is important.

Finally, FeCrAl Wire has magnetic properties, which makes it suitable for use in applications where magnetic fields are required, such as in transformers and electric motors. Its magnetic properties also make it easier to handle and manipulate during the manufacturing process.

Applications:

The Victory FeCrAl wire is commonly used in heating and resistivity applications. The wire is ideal for use in heating elements, where it can withstand high temperatures and maintain its resistivity. It is also commonly used in resistive heating applications, such as in industrial furnaces and ovens.

The wire is also used in the production of copper clad steel wire. Copper clad steel wire is a composite wire that is made by wrapping a layer of copper around a steel wire. The copper layer provides excellent conductivity, while the steel wire provides strength and durability. The FeCrAl wire is used in the production of the steel wire, providing high-temperature resistance and durability.

The Victory FeCrAl wire has a tensile strength of ≥ 650 MPa, making it strong and durable. This wire can be used in a variety of industrial applications, including the production of heating elements, industrial furnaces, and ovens. The wire is also commonly used in the production of resistive heating elements, such as in electric stoves and heaters.

In summary, the Victory FeCrAl wire is a high-quality alloy wire that is made in China Jiangsu. It is ideal for use in applications that require resistance to high temperatures, such as heating and resistivity applications. The wire is commonly used in the production of copper clad steel wire, providing high-temperature resistance and durability. With a tensile strength of ≥ 650 MPa, this wire is strong and durable, making it suitable for a variety of industrial applications.

Customization:

Brand Name: Victory

Model Number: FeCrAl

Place of Origin: China Jiangsu

Magnetic Properties: Magnetic

Material: FeCrAl (Iron-Chromium-Aluminum)

Surface: Bright, Oxided, Acide

Melting Point: 1500°C

Elongation: $\geq 12\%$

We offer customization services for a variety of FeCrAl wire products, including Black Annealed Tie Wire, Bare Copper FeCrAl Wire, and Annealed FeCrAl Wire. Contact us today to discuss your specific customization needs.

Support and Services:

Our FeCrAl wire is designed to resist high temperatures and oxidation, making it perfect for use in heating elements, resistors, and other high-temperature applications. Our technical support team is available to assist with any questions you may have regarding the use and application of our FeCrAl wire products, as well as to provide guidance on installation and maintenance. We also offer a range of services to support our wire products, including custom cutting and shaping, packaging, and labeling.

Packing and Shipping:

Product Packaging:

The FeCrAl wire product will be packed in a neat and secure manner to avoid any damage during shipping.

The wire will be wound around a spool and then placed in a cardboard box.

The box will be sealed with tape and labeled with product information and handling instructions.

Shipping:

The FeCrAl wire product will be shipped via a reliable courier service.

The shipping cost will be calculated based on the weight and destination of the package.

The estimated delivery time will depend on the shipping method chosen and the destination.

The customer will receive a tracking number to monitor the status of their shipment.

FAQ:

Q: What is the brand name of the FeCrAl wire?

A: The brand name of the FeCrAl wire is Victory.

Q: What is the model number of the FeCrAl wire?

A: The model number of the FeCrAl wire is FeCrAl.

Q: Where is the FeCrAl wire manufactured?

A: The FeCrAl wire is manufactured in JiangSu, China.

Q: What is the composition of FeCrAl wire?

A: FeCrAl wire is an iron-chromium-aluminium alloy that typically contains 20-23% Cr, 5-7% Al, and the balance Fe.

Q: What are some common applications for FeCrAl wire?

A: FeCrAl wire is commonly used in heating elements, such as in furnaces, ovens, and toasters.



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