



China Manufacture Fecral Alloy 0Cr27Al7Mo Resistance Wire

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: 0Cr15Al5, 1Cr13Al4, 0Cr21Al4, 0Cr21Al6, 0Cr23Al5, 0Cr25Al5, 0Cr21Al6Nb, 0Cr27Al7Mo2
- Minimum Order Quantity: 5
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Material: Ferrous Chromium Aluminum
- Resistivity: 1.42+/-0.05
- Tensile Strength: 630-780MPA
- Elongation: ≥12%
- Application: Heating, Resistivity
- Condition: Hard / Soft
- Surface: Bright, Oxided, Acide
- Delivery Time: 7-20 Days
- Maximum Temperature: 1250°C
- Melting Point: 1500°C
- Name: Resistance Heating Flat Wire
- Highlight: Fecral Alloy Resistance Wire, 0Cr27Al7Mo Resistance Wire



More Images



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Product Description

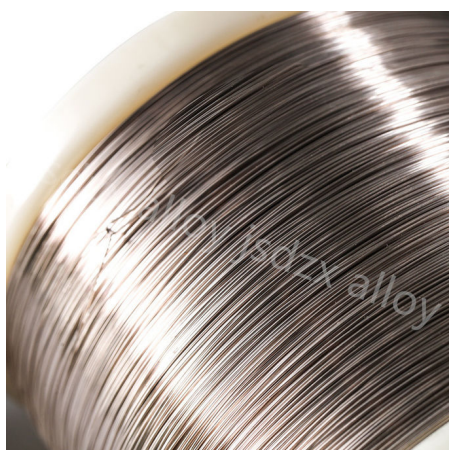
The heating requirements in high-temperature environments place extremely high requirements on material performance, and FeCrAl alloy, as an excellent choice, is favored because of its unique characteristics.

First, FeCrAl alloy has excellent high-temperature stability and can maintain structural stability and strength under extreme heating conditions. They are able to withstand temperatures up to over 1,200 degrees Celsius without plastic deformation or cracking, ensuring reliable operation of the equipment. Secondly, FeCrAl alloy has good oxidation resistance. At high temperatures, materials are prone to oxidation reactions when exposed to oxygen, leading to corrosion and damage to the material surface. However, the chromium and aluminum elements of FeCrAl alloy can form a dense oxide layer, which plays a protective role and protects the material from oxidation.

In addition, FeCrAl alloy has a low electrical resistivity, which makes it a highly efficient heating element. When current passes through the FeCrAl alloy wire, the resistance will generate heat, thereby achieving the purpose of heating. Low resistivity means higher current density and higher heating efficiency, saving energy and improving operating efficiency.



Shape	Size(mm)
Wire	0.05-7.5
Rod	8-50
Ribbon	(0.05-0.35)*(0.5-6.0)
Strip	(0.5-2.5)*(5-40)



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