



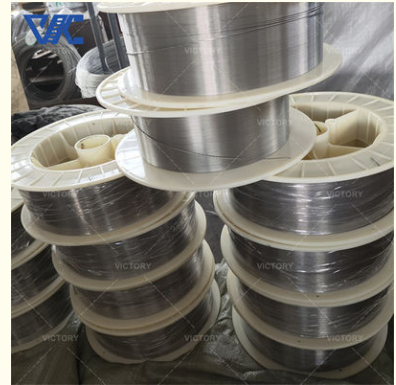
Zn85Al15 Wire Thermal Spray Wire 1.6mm 2.0mm For Arc Spray Systems

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: Zn85Al15
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: Spool package with Carton box, Coil package with polybag for ERNiCrMo-13
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

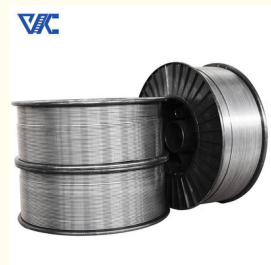
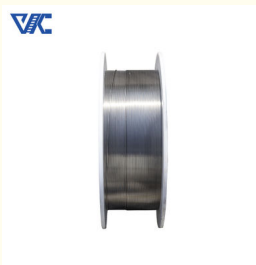


Product Specification

- Name: Thermal Spray Wire
- Model Number: Zn85Al15
- Chemical Composition: Zn85%Al15%
- Density: 6.4g/cm³
- Melting Point: 400-480°C
- Tensile Strength: 115±10 MPa
- Elongation: 45%
- Highlight: ERNiCrMo-13 nickel molybdenum alloy, nickel molybdenum alloy UNS N06059, AWS A5.14 Mig Welding Wire



More Images



Product Description

Introduction:

Zn85Al15 wire, a metal alloy composed of 85% zinc and 15% aluminum, is a highly anticipated material. Its unique composition endows it with a series of excellent performance, thus making it widely used in multiple fields. This alloy wire has the characteristics of high strength, corrosion resistance, and lightweight, and plays an important role in fields such as automotive manufacturing, aerospace, and electronics. In the automotive industry, it is often used to manufacture engine components such as piston rings and cylinder liners to meet strict requirements for material strength and corrosion resistance. In the aerospace field, this alloy is used to manufacture aircraft engine components and spacecraft components, and its lightweight and corrosion resistance are one of the reasons why it is highly favored. In the electronics industry, due to its excellent conductivity, Zn85Al15 wire is also widely used in the manufacturing of electronic components, such as the soldering of circuit boards and connectors. In summary, Zn85Al15 wire has become one of the highly anticipated materials in the field of metal alloys due to its excellent performance and diverse application areas.

Parameter:**Size:**

Packed on Spool: $\phi 0.3 - 5.0\text{mm}$, 10 to 20 kgs per spool Packed as coil: $\phi 0.8 - 5.0\text{mm}$, 20 to 50kgs per coil

Chemical composition	Zn	Cd	Pb	Fe	Cu	Total non-zinc
Nominal value	≥ 99.995	≤ 0.002	≤ 0.003	≤ 0.002	≤ 0.001	0.005
Actual value	99.9957	0.0017	0.0015	0.0008	0.0003	0.0043

Term	Specification
Tensile strength M pa	115 \pm 10
Elongation %	45 \pm 5
melting point	419
Density g/m3	7.14

Feature:

High strength: Zn85Al15 wire has excellent mechanical properties, including high strength and hardness, making it suitable for applications that require high material strength.

Corrosion resistance: Due to the presence of aluminum, this alloy has excellent corrosion resistance, especially good resistance to oxidation and corrosive gases.

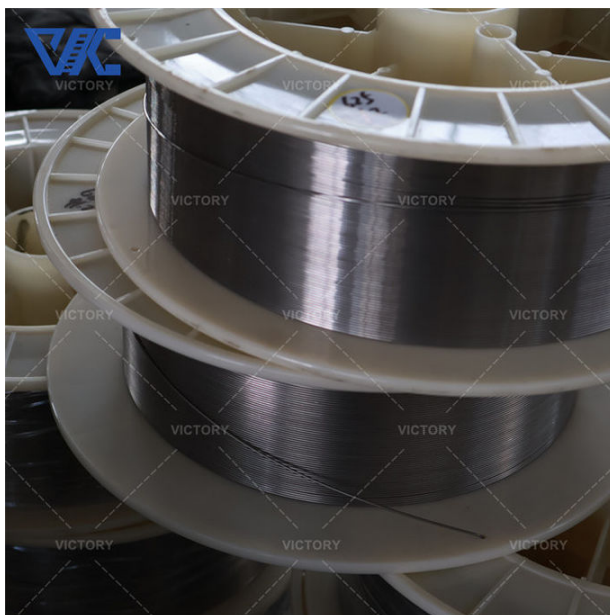
Lightweight: Compared to other metal alloys, Zn85Al15 wire has a lower density, making it advantageous in some situations that require lightweight design.

Application:

Automotive manufacturing: Zn85Al15 wire is commonly used in the manufacturing of automotive engine components, such as piston rings and cylinder liners, due to its high strength and corrosion resistance, it can meet the demanding requirements of automotive engines.

Aerospace: In the aerospace field, this alloy is also widely used in the manufacturing of aircraft engine components and spacecraft components, and its lightweight and corrosion resistance are one of the reasons for its popularity.

Electronics industry: Due to its excellent conductivity, Zn85Al15 wire is also used in the manufacturing of electronic components, such as the soldering of circuit boards and connectors.

**Q&A:**

What are the main components of Zn85Al15 wire?

The main components of Zn85Al15 wire are 85% zinc and 15% aluminum.

What are the applications of this alloy wire in?

It is widely used in fields such as automotive manufacturing, aerospace, and electronics.

Why is this type of alloy wire popular in automotive manufacturing?

It has high strength and excellent corrosion resistance, which can meet the material performance requirements of automotive engine components.



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