



1.6mm Pure Zinc Wire 99.99% Thermal Spray Wire For Metallurgical Industry

Our Product Introduction

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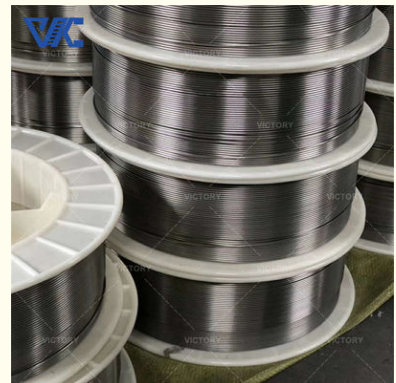
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Zinc Wire
- Minimum Order Quantity: 5 Kg
- Price: Negotiable
- Packaging Details: wooden case, woven polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

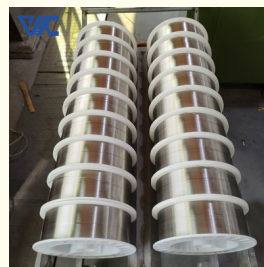
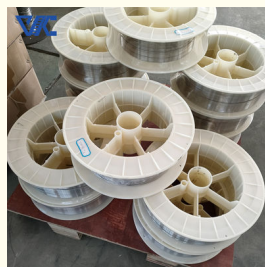


Product Specification

- Name: Pure Zinc Wire
- Type: Zinc Wire
- Zn (Min): 99.99%
- Application: Thermal Spraying For Metallurgical Industry
- Standard: ASTM B551
- Color: Bright
- Highlight: 825 Aluminum Alloy Welding Wire, Aluminum Alloy Welding Wire NCF825, Iron Aluminium Chromium Alloy



More Images



Product Description

Introduction:

Pure zinc wire plays an important role in the metallurgical industry, and its excellent performance makes it an ideal choice for various applications. As a pure zinc material, pure zinc wire has high purity and excellent properties, making it widely used in the metallurgical field.

The application of pure zinc wire in the metallurgical industry is diverse, and its excellent performance and wide applicability provide important support for metal processing and production, helping the development and innovation of the metallurgical industry.

Parameter:

Product name	Diameter	Package	Zinc content	Application
Zinc wire	Φ1.3mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	Applicable to ductile pipes, power capacitors, power towel,towel, container, derrick, bridges gate, tunnel framework, metal stents, large steel structure surface thermal spraying zinc corrosion protection industry.
	Φ1.6mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ2.0mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ2.3mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ2.8mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ3.0mm	25kg/Barrel package;15-18kg/Axle package;50-200/Diameter	≥99.9953	
	Φ3.175mm	250kg/Diameter	≥99.9953	
	Φ4.0mm	200kg/Diameter	≥99.9953	

Chemical Composition, %

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±10
Elongation %	45±5
melting point	419
Density G/M3	7.14

Typical Deposit Characteristics:

Typical Hardness	70 RB
Bond Strength	1200 psi
Deposit Rate	24 lbs/hr/100A
Deposit Efficiency	70%
Machineability	Good

Feature:

Alloy additive: Pure zinc wire is commonly used as an alloy additive to improve the performance of metal alloys, such as increasing hardness, corrosion resistance, etc.

Coating material: Pure zinc wire, as a high-quality coating material, is commonly used for galvanizing treatment of metal surfaces to increase their corrosion resistance and aesthetics.

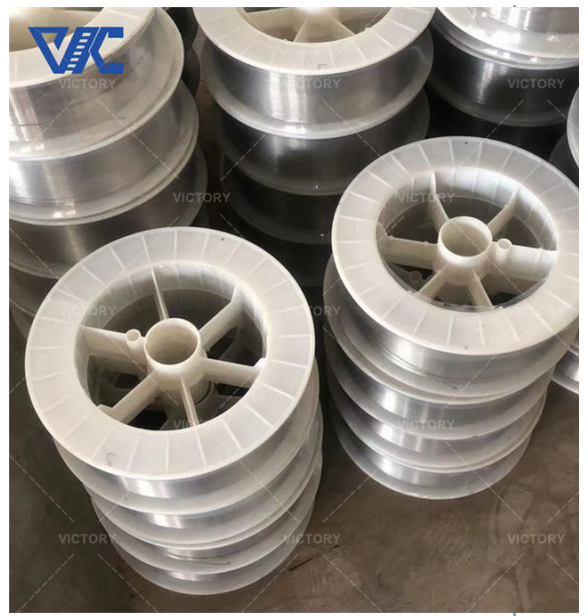
Electrolytic galvanizing: Pure zinc wire can be used in the electrolytic galvanizing process to form a uniform zinc coating on the metal surface through electrochemical methods, improving the corrosion resistance of the metal.

Application:

Metal processing: Pure zinc wire is commonly used in the processing of various metal products to improve their performance and appearance.

Anti corrosion treatment: Pure zinc wire is widely used as a coating material in the anti-corrosion treatment of various metal products, extending their service life.

Alloy production: Pure zinc wire is used as an alloy additive in the production of various metal alloys to improve their performance and applicability.



Q&A:

Q: Which metal products are commonly used for anti-corrosion treatment in the metallurgical industry with pure zinc wire?

A: Pure zinc wire is often used for anti-corrosion treatment of steel products, such as steel structures, steel pipes, etc., playing an important role in preventing metal oxidation and extending service life.

Q: How can pure zinc wire be used as an alloy additive to improve the properties of metal alloys?

A: Pure zinc wire as an alloy additive can improve the hardness, corrosion resistance, oxidation resistance, and other properties of metal alloys. At the same time, it can adjust the microstructure of the alloy, improve its mechanical and chemical properties.

Q: What is the specific role of pure zinc wire in the electrolytic galvanizing process?

A: Pure zinc wire is used as an anode material in the electrolytic galvanizing process, forming a uniform zinc coating on the metal surface through current, improving the corrosion resistance and appearance of the metal, and extending its service life.



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