



CuBe2 Beryllium Solid Bare Copper Wire for Electrical Industry

Our Product Introduction

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Basic Information

- Place of Origin: china
- Brand Name: jinshunlai
- Certification: IOS
- Model Number: 0.1mm-900mm
- Minimum Order Quantity: 1kg
- Price: contact us
- Delivery Time: 5day
- Payment Terms: L/C, T/T , Western Union,D/P
- Supply Ability: 90000ton



Product Specification

- Application: Electrical
- Color: Red
- Conductor Material: Copper
- Insulation Material: None
- Jacket Material: None
- Length: 100 Ft
- Package Quantity: 1
- Package Type: Spool
- Product Name: Solid Bare Copper Wire
- RoHS Compliant: Yes
- Standards: UL, CSA
- Stranding: Solid
- Temperature Rating: 90°C
- Voltage Rating: 600V
- Wire Gauge: 14 AWG



More Images



Product Description

Beryllium Copper CuBe2 in Wire Form Used in The Electrical Indsutry

Product Description:

Name: Beryllium copper wire
 Grade: CuBe2
 Specification: Diameter 1.4mm
 Surface: Bright
 State: A(TB00), 1/4H(TD01), 1/2H(TD02), 3/4H(TD03), H(TD04)
 Features: High strength and elativity
 Application: For electrical industry

Chemical Composition of Beryllium Copper CuBe2 Alloy:

Beryllium(Be): 1.80-2.00%
 Cobalt(Co) + Nickel(Ni): 0.20% Min
 Cobalt(Co) + Nickel(Ni) + Iron(Fe): 0.60% Max
 Lead: 0.02% Max
 Copper(Cu): Balance
 Note: Copper plus additions equal 99.5% Minimum.

ypical Physical Properties of Beryllium Copper CuBe2 Alloy:

Density (g/cm3):	8.36
Density before age hardening (g/cm3):	8.25
Elastic Modulus (kg/mm2 (103)):	13.4
Thermal Expansion Coefficient (20 °C to 200 °C m/m/°C):	17 x 10-6
Thermal Conductivity (cal/(cm-s-°C)):	0.25
Melting Range (°C):	870-980

International Specification of Beryllium Copper CuBe2 Alloy:

Product Type	Temper Type
Bar	ASTM B196
	Military Mil-C-21657
Rod	ASTM B196
	Military Mil-C-21657
Wire	ASTM B197, AMS4725, SAE J461,463, RWMA Class 4
European Standards	CuBe2, Alloy 25, BrB2, DIN.2.1247, CW101C to EN

Note:

ASTM: American Society for Testing and Materials
 SAE: Society of Automotive Engineers
 AMS: Aerospace Materials Specification(Published by SEA)
 RWMA: Resistance Welder Manufacturers' Association
 Note: Unless otherwise specified, material will be produced by ASTM.



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