

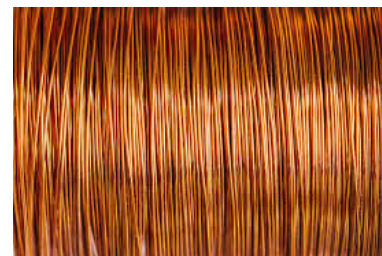


## C17300 CDA 173 thin Bronze Beryllium Copper Wire High Thermal Conductivity

### Our Product Introduction

#### Basic Information

- Place of Origin: china
- Brand Name: ShengQuan
- Certification: ISO9001:2000
- Model Number: C10200 C10300 C11000 C12000 T1 T3
- Minimum Order Quantity: 1ton
- Price: USD1500-USD6000
- Packaging Details: Standard Export Sea-Worthy Packing
- Delivery Time: 5-15days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 15000Tons



#### Product Specification

- Material: Brass, Bronze, C10100
- Cu (min): 99.90%, 99%, 65%
- Thickness: 0.1mm~200mm, 0.2mm-3.0mm
- Conductor Type: Stranded Or Solid, enamelled Copper Wire
- Conductor Material: Copper, Copper Clad Aluminum, Annealed Copper Wire, CU/CCA/CCAM
- Application: Heating, motor, Transformer, Rectifier And Such Coil, Ultra Fine Rectangular Enameled Wire For Transformer
- Type: Insulated, Bare, Other
- Color: Optional, Red, Copper, Requirement
- Standard: JIS, IEC, GB, NEMA
- Highlight: **C17300 beryllium copper wire,**  
**Bronze beryllium copper wire,**  
**C17300 copper thin wire**



## Product Description

### C17300 CDA 173 Beryllium Bronze Wires High Thermal Conductivity

Copper is the electrical conductor in many categories of electrical wiring. Copper wire is used in power generation, power transmission, power distribution, telecommunications, electronics circuitry, and countless types of electrical equipment. Copper and its alloys are also used to make electrical contacts.

Why copper wire is used in homes?

Copper is used for electrical wiring because it is a good conductor of electricity. The free electrons in metals can move through the metal, allowing metals to conduct electricity.

#### Typical Physical Properties of Alloy 25(UNS.C17200) Copper Beryllium Alloy:

Density (g/cm <sup>3</sup> ):	8.36
Density before age hardening (g/cm <sup>3</sup> ):	8.25
Elastic Modulus (kg/mm <sup>2</sup> (103)):	13.4
Thermal Expansion Coefficient (20 °C to 200 °C m/m/°C):	17 x 10 <sup>-6</sup>
Thermal Conductivity (cal/(cm-s-°C)):	0.25
Melting Range (°C):	870-980

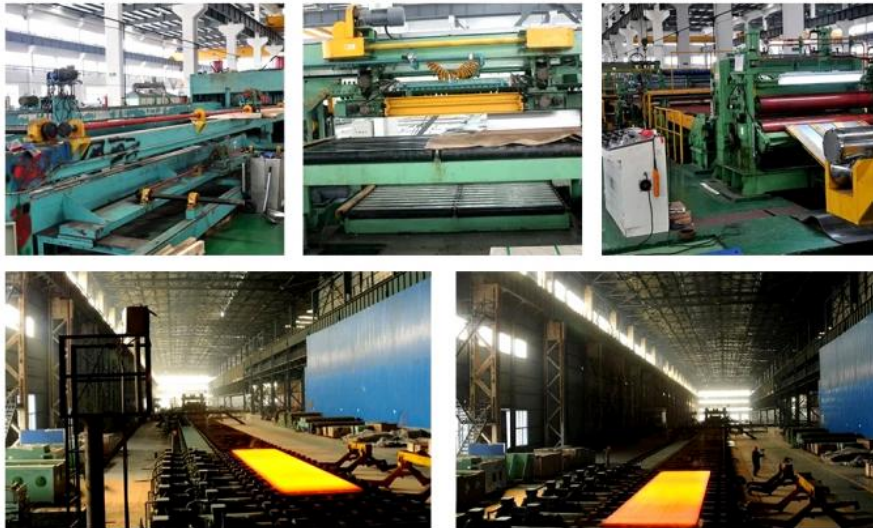
#### Mechanical and Electrical Properties of Alloy 25(UNS.C17200) Copper Beryllium Round Wires:

Alloy	Temper (*)	Heat Treatment	Tensile Strength Mpa	Elongation percent	Electrical Conductivity percent IACS
CUBERYLLIUM 172	A (TB00)	/	400 580	30-60	15-19
	1/4 H (TD01)	/	570 795	3~25	15-19
	1/2 H (TD02)	/	710 930	2~15	15-19
	3/4 H (TD03)	/	840 1070	2~8	15-19
	H (TD04)	/	915 1140	1~6	15-19
	AT (TF00)	3 hr 315	1050~1380	3 min	22-28
CUBERYLLIUM 172	1/4 HT (TH01)	2 hr 315	1150~1450	2 min	22-28
	1/2 HT (TH02)	1.5hr 315	1200~1480	2 min	22-28
	3/4 HT (TH03)	1.0 hr 315	1250~1585	2 min	22-28
	HT (TH04)	1.0hr 315	1300~1585	1 min	22-28



**Wuxi Shengquan Metal Products Co., Ltd.** is located in Wuxi City, Jiangsu Province. The company's products include seamless pipe, color coated plate, galvanized plate, aluminum plated plate, aluminum plate, copper plate, carbon steel pipe, wear-resistant plate, building materials, pipes and other products, which are widely used in chemical industry, pharmacy, electric power, shipbuilding, railway, automobile, papermaking and construction engineering. We ensure that customers are carefree in the whole process of product consultation, procurement, ordering and use! Over the years, the company has won the trust of our customers with high-quality products and first-class service. With your favor, our products are sold all over the world! We have customers in South America, North America and Southeast Asia. With the support of new and old customers, we will work harder and more enterprising to repay more customers with better and more efficient services.

## Packing & Delivery



### 1. Who are we?

We are based in wuxi, China, start from 2021, sell to Mid East(35.00%), South America(20.00%), Southeast Asia(20.00%), Africa(5.00%), Eastern Asia(5.00%), Northern Europe(5.00%), Southern Europe(5.00%), South Asia(5.00%). There are total about 51-100 people in our office.

### 2. How can we guarantee quality?

Always a pre-production sample before mass production;  
Always final Inspection before shipment;

### 3. What can you buy from us?

steel sheet coil, ppgi ppgl, galvanized steel coil, aluminum steel coil sheet, stainless steel

### 4. Why should you buy from us not from other suppliers?

Integrating the superior resources of China's steel industry, we provide customers with high-quality steel products at preferential prices, and can ensure that the goods are delivered to customers in a timely manner.

### 5. What services can we provide?

Accepted Delivery Terms: FOB, CFR, CIF, EXW, FCA, DDP, DDU, Express Delivery

Accepted Payment Currency: USD, EUR, CNY;

Accepted Payment Type: T/T, L/C, Credit Card, Weste



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