Round Stripped Beryllium Wire Annealed Copper Wire C172 ASTM B197

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

- Shape: Plate,Coil,Flat Sheet,Sheet/Plate/wire
- Width: 3.0mm-1200mm,0.5--200mm,Customized
- 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
- Application: Heating,motor,Transformer,Rectifier And Such Coil,Ultra Fine Rectangular Enameled Wire For Transfomer
- Type: Insulated,Bare,Other
- Highlight: **Annealed beryllium wire**, **Stripped beryllium wire**, **C172 annealed copper wire**

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Product Description

Round Beryllium Stripped Solid Bare Copper Wire C172 ASTM B197 Copper Wire Annealed Bare Copper

What are the uses of copper wire and its types?

Since the invention of the telegraph and electromagnet, copper has been used as a common commodity in many electrical applications. Its demand rose when the copper wire was used as an electrical conductor in the invention of the telephone and later became a core ingredient in power generation and transmission systems.

Today, copper is an indispensable metal and is used in electrical wiring for both domestic and industrial use. Electronic circuitry, telecommunications, home appliances, and many other areas use copper today. It is estimated that half of all the copper mined is used to produce electrical copper wire and cable conductors. Today copper manufacturers have numerous copper wire products that can be used in a wide range of electrical and thermal applications, making copper a versatile metal of the future.

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

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
CUBERYLLIUM 172	AT (TF00)	3 hr 315	1050~1380	3 min	22-28
	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 carefreein 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 productsand 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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