



Industrial ASTM C1100 Pure Thin Copper Wire Annealed Bare Copper For Mig Welding

Our Product Introduction

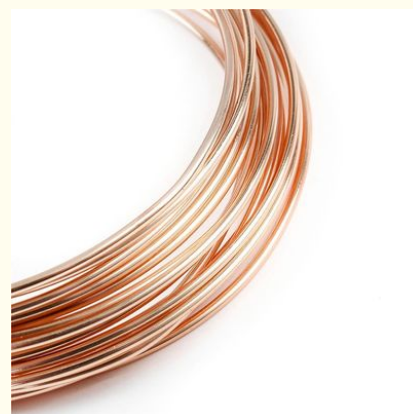
Basic Information

- 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
- 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: **C1100 thin copper wire, ASTM thin copper wire, C1100 annealed bare copper**



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Product Description

ASTM C1100 Pure Annealed Bare Copper Wire Industrial 0.5mm 0.8mm Bare Thin Insulated Copper Wire For Mig Welding

Copper Is Available in Different Grades

Copper scrap comes in four different grades. Copper wire and cable represents the highest grade and is bare, uncoated, and unalloyed. For structural branch circuit wiring. According to Copper.org, the amount of size 12 wire consumed annually in the USA is enough for 120 round trips to the moon.

Copper Must Be Extremely Pure

To be used in electrical applications, copper needs to be refined to at least 99.98% purity.

Copper Is Used Often in Wind Farms

Insulated copper cables deliver electricity generated from wind to a copper-wound transformer. Wind turbine towers are connected by underground copper cables that collect electricity and transfer it to a substation. In fact, some wind farms have over 300,000 feet of copper wire installed.

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:

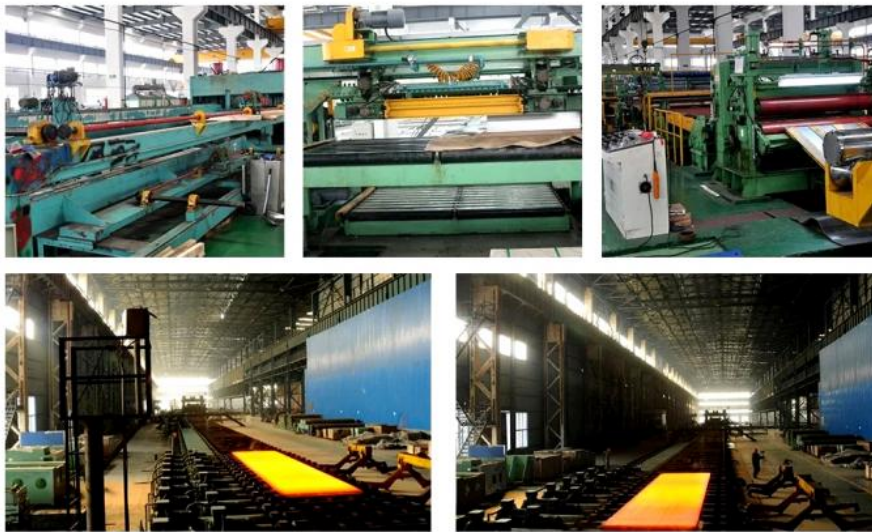
| Alloy | Temper (*) | Heat Treatment | Tensile Strength Mpa | Elongation percent | Electrical Conductivity percent IACS |
|-----------------|------------|----------------|----------------------|--------------------|--------------------------------------|
| CUBERYLLIUM 172 | A | / | 400 580 | 30-60 |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



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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