

OEM Mig Welding Stranded Copper Wire 12 Gauge For Earthing 0.5mm 0.8mm

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
- 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 Transfomer
- Type: Insulated,Bare,Other
- Highlight: **Mig Welding stranded copper wire,
0.5mm stranded copper wire,
OEM 12 gauge copper wire**



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Product Description

OEM Solid Bare 12 Gauge Copper Wire For Earthing 0.5mm 0.8mm Bare Thin Insulated Copper Wire For Mig Welding

The main applications of copper are in electrical wiring, roofing, plumbing, and industrial machinery. For many of these applications, copper is used in its pure form. However, it can be alloyed with other metals when increased levels of hardness are required.

For some applications, copper alloy conductors are preferred instead of pure copper, especially when higher strengths or improved abrasion and corrosion resistance properties are required. However, relative to pure copper, the higher strength and corrosion resistance benefits that are offered by copper alloys are offset by their lower electrical conductivities. Design engineers weigh the advantages and disadvantages of the various types of copper and copper alloy conductors when determining which type to specify for a specific electrical application.

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

Density (g/cm ³):	8.36
Density before age hardening (g/cm ³):	8.25
Elastic Modulus (kg/mm ² (10 ³):	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:

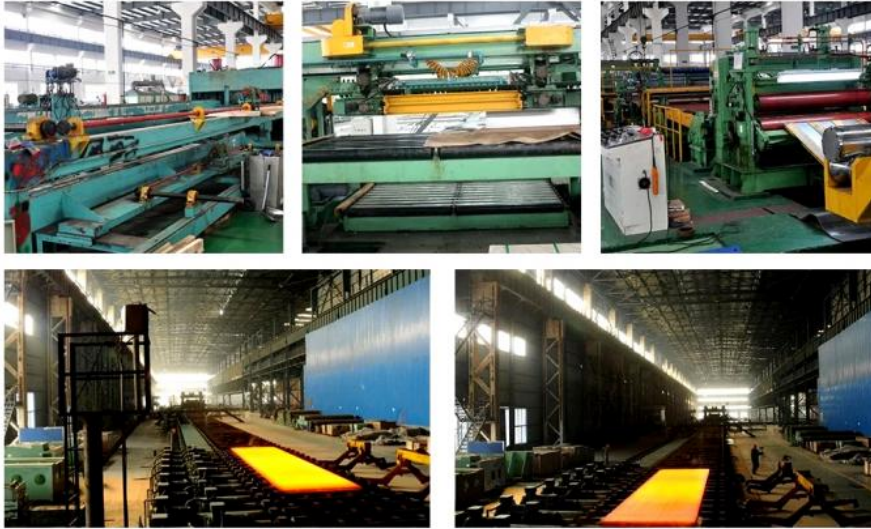
Alloy	Temper (*)	Heat Treatment	Tensile Strength Mpa	Elongation percent	Electrical Conductivity percent IACS
CUBERYLLIUM 172	A (TB00)	/	400 580	30-60	15-19
	1/4 H (TD01)	/	570 795	3~25	15-19
	1/2 H (TD02)	/	710 930	2~15	15-19
	3/4 H (TD03)	/	840 1070	2~8	15-19
	H (TD04)	/	915 1140	1~6	15-19
CUBERYLLIUM 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 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



Wuxi Shengquan Metal Products Co., Ltd.



15370898866



523639146@qq.com



metalsstainless-steel.com

Intersection of Xigang Road and Chuntang Road, Xishan District, Wuxi City