



Round Stripped Beryllium Wire Annealed Copper Wire C172 ASTM B197

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**



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	/	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
	(TH02)				
CUBERYLLIUM 172	3/4 HT	1.0 hr 315	1250~1585	2 min	22-28
	(TH03)				
	HT	1.0hr 315	1300~1585	1 min	22-28
	(TH04)				



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