

Earthing Beryllium Copper Alloy C17200 strip Brass Surface

Our Product Introduction

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Basic Information

- Place of Origin: china
- Brand Name: jinshunlai
- Certification: ISO, AISI, ASTM, GB, EN, DIN
- Model Number: 0.1nm-900nm
- Minimum Order Quantity: 1kg
- Price: Contact Us
- Packaging Details: Waterproof Paper, Steel Strip Packed and other Standard Export Seaworthy Package, or customized package
- Delivery Time: 5day
- Payment Terms: L/C, T/T , Western Union
- Supply Ability: 90000ton



Product Specification

- Coefficient Of Thermal Expansion: 17.2 $\mu\text{m}/\text{m}^{\circ}\text{C}$
- Density: 8.9 G/cm³
- Electrical Resistivity: 0.15 $\mu\Omega\text{m}$
- Elongation: 20 %
- Fatigue Strength: 150 MPa
- Hardness: HB 90
- Material: Chromium Zirconium Copper
- Melting Point: 1084 $^{\circ}\text{C}$
- Modulus Of Elasticity: 120 GPa
- Poisson's Ratio: 0.35
- Shear Modulus: 45 GPa
- Tensile Strength: 360 MPa
- Thermal Conductivity: 170 W/mK
- Thickness: Sheet



More Images



Product Description

Typical Physical Properties of BrBNT1.9 (Qbe1.9) Copper Beryllium Alloy:

Density (g/cm³): 8.25

Elastic Modulus(Gpa): 130

Electrical Conductivity: 22-28% IACS

Thermal Expansion Coefficient(m/m): 17.5x10⁻⁶

Thermal Conductivity(25): 105W/m

Melting Point (°C): 870

mechanical And Electrical Properties of BrBNT1.9 (Qbe1.9) Copper Beryllium Strip:

Name	Temper	Thickness (mm)	Tensile Strength	Hardness	Elongation (min)
			MPa	HV	Percent
Qbe1.9	Soft	<0.15	>390	<120	>30%
		0.15~0.25	390~590		
		>0.25	390~590		
	Hard	<0.15	>590	>160	>3%
		0.15~0.25	590~880		
		>0.25	640~930		
	After Ageing (Soft)	<0.15	>1080	>330	>2%
		0.15~0.25	1080~1470		
		>0.25	1130~1470		
	After Ageing (Hard)	<0.15	>1080	>360	>1.5%
		0.15~0.25	1130~1570		
		>0.25	1170~1570		



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