

C10200 Oxygen free copper strip

Copper strip factory, more than 10 years manufacture experience, attained ISO9001, work on OEM and ODM projects..

Introduction of the C10200 Oxygen free copper strip

The purity of TU2 / C10200 oxygen-free copper reaches 99.95%, the oxygen content is not more than 0.005%, and the total impurity content is not more than 0.05%.

TU2/ C10200 oxygen-free copper has excellent cold and hot processing performance. Good forgeability.

2. Grade and temper for C10200 Oxygen free copper strip

Grade: TU2 ,C102, C10200, CDA102

Temper: O(M), 1/4H(Y4), 1/2H(Y2), H(Y), HH(T)

3. Chemical composition of C10200 Oxygen free copper strip

TU2/ C10200 Chemical composition

Cu+Ag: ≥99.95

Sn : ≤0.002

Zn: ≤0.003

Pb: ≤0.004

P: ≤0.002

Ni: ≤0.002

Fe: ≤0.004

Sb : ≤0.002

S : ≤0.004

As : ≤0.002

Bi: ≤0.001

O: ≤0.003

Impurities%: ≤0.05

4. Dimension and tolerance of C10200 Oxygen free copper strip

Thickness	width							
	≤200		>200~400		>400~600		>600~1000	
	Thickness tolerance / ±							
	Ordinary Level	Higher	Ordinary Level	Higher	Ordinary Level	Higher	Ordinary Level	Higher

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0.10~0.20	0.010	—	0.015	0.010	0.015	0.010	—	—
>0.20~0.30	0.015	0.010	0.020	0.015	0.020	0.015	—	—
>0.30~0.50	0.020	0.015	0.025	0.020	0.030	0.020	0.050	0.040
>0.50~0.70	0.030	0.025	0.035	0.030	0.040	0.035	0.060	0.050
>0.70~1.10	0.040	0.035	0.045	0.040	0.050	0.045	0.070	0.060
>1.10~1.50	0.050	0.045	0.055	0.045	0.060	0.055	0.080	0.070
>1.50~2.50	0.055	0.050	0.060	0.055	0.080	0.070	0.100	0.090

5. Characteristics of C10200 Oxygen free copper strip

Characteristics of OFHC copper are:

- High Ductility
- High Electrical & Thermal Conductivity
- High Impact Strength
- Good Creep Resistance
- Ease of Welding
- Low Relative Volatility under high vacuum

Grade	Density g/cm ³	Conductivity /% IACS is not less than	Resistivity / Ω · mm ² / m is not greater than
TU2 /C1020	8.94	100	0.017 241

6. Application of Oxygen free C10200 copper strip

TU2 /C10200 Oxygen-free copper are mainly used in electronics industry and electric vacuum devices and instruments and meters. Generators, busbars, cables, switchgear, transformers and other electrical equipment.

7. Manufacture plant of C10200 Oxygen free copper strip



8. Tests and inspection for C10200 Oxygen free copper strip

Test instrument : Metallographic Microscope; Digital Light Processor; Strength Tester; Hardness Tester.



9. Mill certificate for C10200 Oxygen free copper strip



Test Report

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Sample photo:



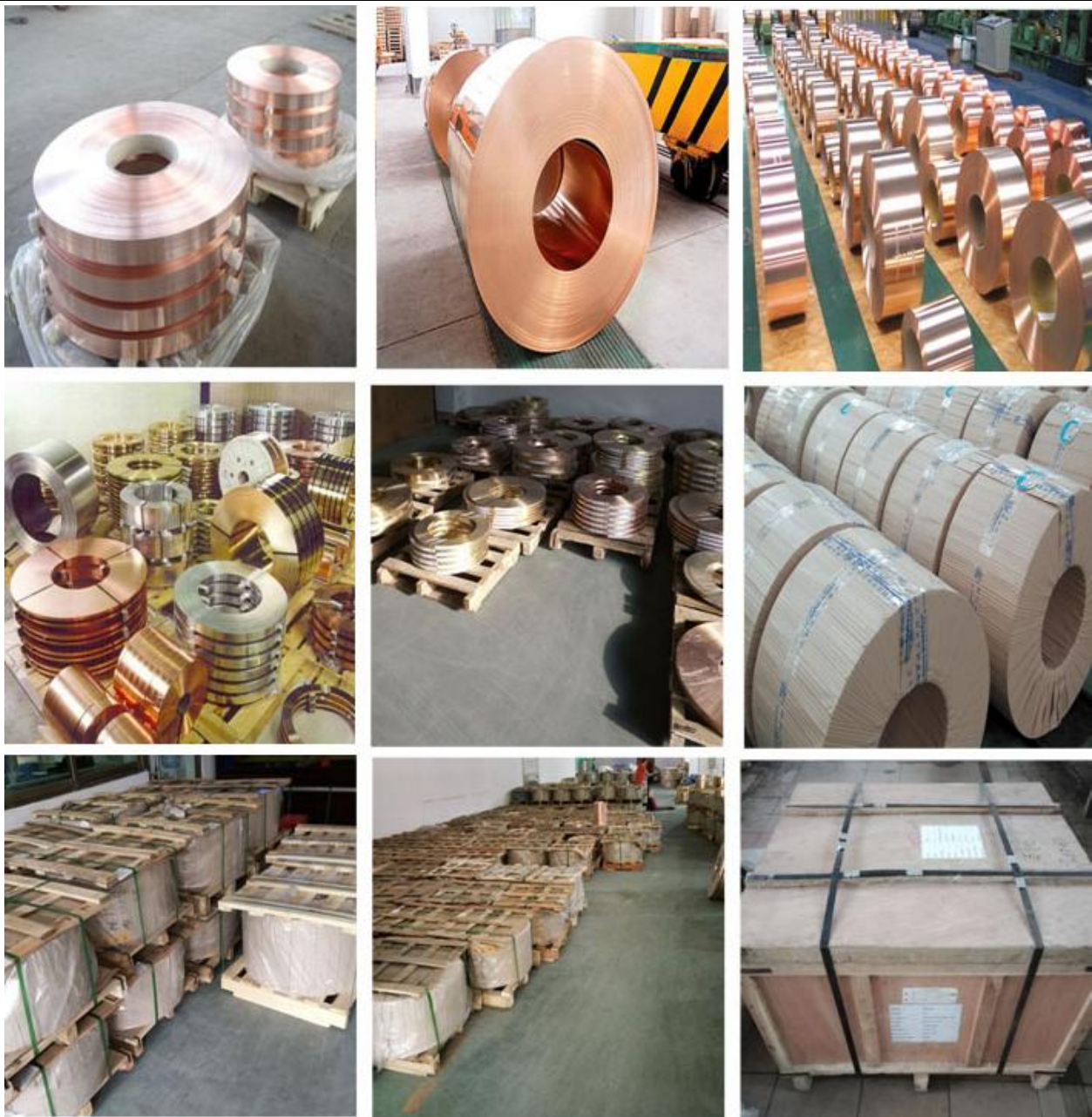
SGS authenticate the photo on original report only

*** End of Report ***

10. Packing and shipping for C10200 Oxygen free copper strip

Packing:

First wrapped by anti-rust paper, second wrapped by plastic film, then packed by wooden box or wooden pallet ..



Shipping:

We will choose the best way according to customer's requests.

1. By Air, to the indicated airport.
2. By Express (FedEx, UPS, DHL, TNT, EMS), to the indicated address.
2. By Sea, to the indicated sea port.



11. Questions and Answers

a1. Do you have ISO certificate?

Yes, we obtained ISO9001

a2. How long is your delivery time for Oxygen free copper strip?

If the master coil is available, 3-7 days do slitting will be ready, if not, will need 20-25 days for new production.

a3. Can you help us to choose suitable material?

Yes, we can recommend the most suitable material according to your application.

a4. How do you control quality?

We produce strictly according to customer's drawings and requests, here are strict control plan in every process, full check of each parts, strive to provide customer 100% quality products, ROHS/SGS test report, material certificate are available.

a5. Do you provide sample? Free or charge?

Yes, if the sample in stock available, free of charge, if not, need to charge some mfg cost.