

## **C24000 CuZn20 brass strip**

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

### **1. Introduction of the C24000 CuZn20 brass strip**

Brass H80 C24000 / CuZn20 with Cu 80%, is used for thin wall pipe, bellows and building materials, tensile mechanical performance is good, high strength, plasticity is good, high corrosion resistance.

### **2. Grade and temper for C24000 CuZn20 brass strip**

Grade: C2400, C24000, CDA240, C240, CZ103, H80, CuZn20

Temper: O, 1/4H, 1/2H, H, EH,SH

### **3. Chemical composition of C24000 CuZn20 brass strip**

#### Chemical composition

Cu : 79.0~81.0

Zn: balance

Pb: ≤0.03

P: ≤0.01

Fe: ≤0.10

Sb : ≤0.005

Bi: ≤0.005

Impurity: ≤0.3

### **4. Characteristic of C24000 CuZn20 brass strip**

- Good processability
- Good thermal conductivity
- Corrosion Resistant
- Good Bend Formability
- High Strength

### **5. Mechanical properties for C24000 CuZn20 brass strip**

#### **Mechanical properties**

Tensile strength  $\sigma_b$  (MPa): ≥265

Elongation  $\delta_{10}$  (%): ≥50

Note: The tensile mechanical properties of the plate

Sample size: thickness  $\geq 0.5$

## 6. Application of C24000 CuZn20 brass strip

C2400 brass is used in thin-walled tube, corrugated tube paper net and house building supplies.

## 7. Manufacture plant of C24000 CuZn20 brass strip



## 8. Tests and inspection for C24000 CuZn20 brass strip

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



**9. Mill certificate for C24000 CuZn20 brass strip**

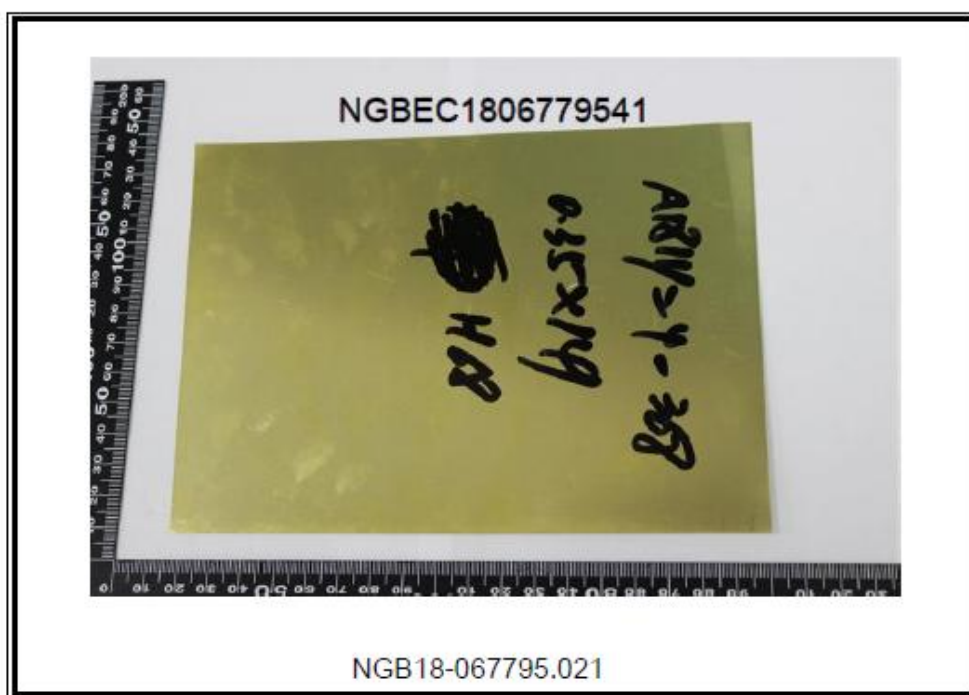


**Test Report**

No. NGBEC1806779541

Date: 03 Jan 2019

Sample photo:



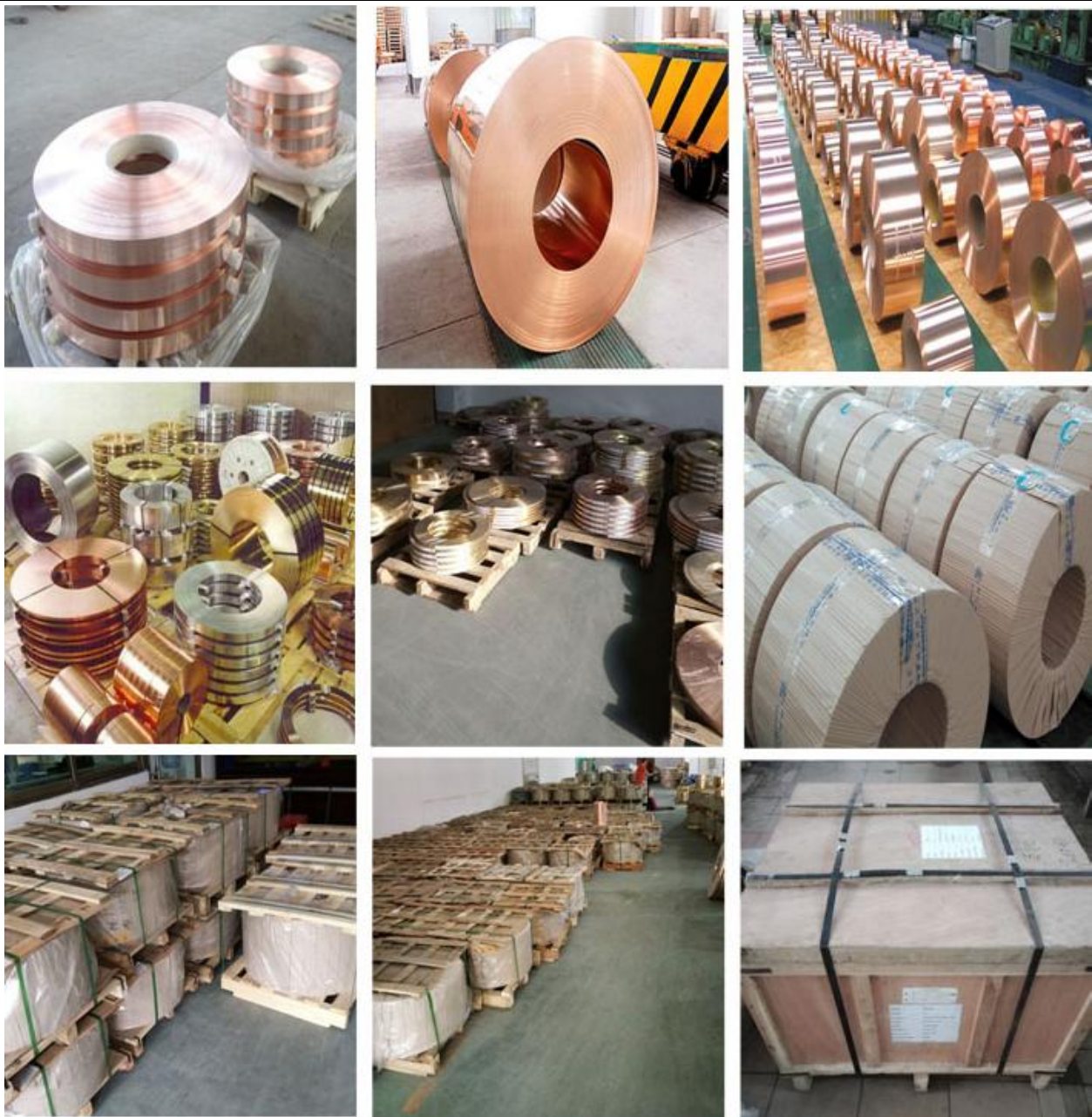
SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

**10. Packing and shipping for C24000 CuZn20 brass 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 brass 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.