CYMBER

CYMBER

Built on metal, shaping the future of industry.

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Company Profile

Cymber is a modern enterprise based in Jiangyin City, Jiangsu Province—the core area of China's Yangtze River economic circle—specializing in the trade, processing, and supply chain services of metal materials, copper and aluminum. The company integrates R&D, production, warehousing, and sales. With strong technical capabilities, a large precision processing team, and extensive spot warehousing capacity, it is committed to providing global customers with one-stop solutions from raw materials to precision components. It has now developed into one of the most influential metal material service providers in East China.

Our Core Strengths:

Double assurance of processing capability and spot stock strength.

On one hand, the company has built a large-scale precision machining team in the industry, gathering dozens of senior technical craftsmen and precision equipment operators, equipped with multiple imported CNC machining equipment. It can undertake customized precisionmachining services forcopper bars, copper plates, copper tubes, and special-shaped copper parts, with tolerance accuracy controlled at the 0.01mm level, meeting the stringent requirements of high-end manufacturing fields.

On the other hand, the company has independently constructed a 3,200-ton professional copper material spot warehouse, maintaining a complete range of copper materials including red copper, brass, and bronze. With comprehensive varieties and sufficient quantities in spot inventory, it completely resolves customers' pain points of "urgent orders being difficult to place and waiting due to out-of-stock situations."

Our Commitment:

Cymber has always adhered to the business philosophy of "professional processing, spot delivery, quality first." We deeply understand that in the fierce market competition, speed and quality are equally important. We not only promise to provide high-quality copper materials and precision-processed products, but also commit to delivering efficient and flexible supply chain services.

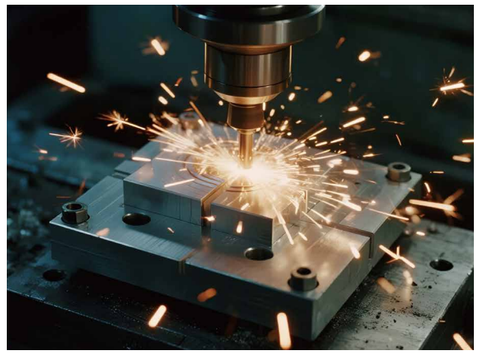
Core Business and Services »

Trade in Metal Materials

The company primarily deals in various non-ferrous metals (such as copper and aluminum), with a complete range of products and diverse specifications. It has established long-term and stable strategic cooperative relationships with multiple large domestic enterprise groups, ensuring stable supply sources and reliable quality.

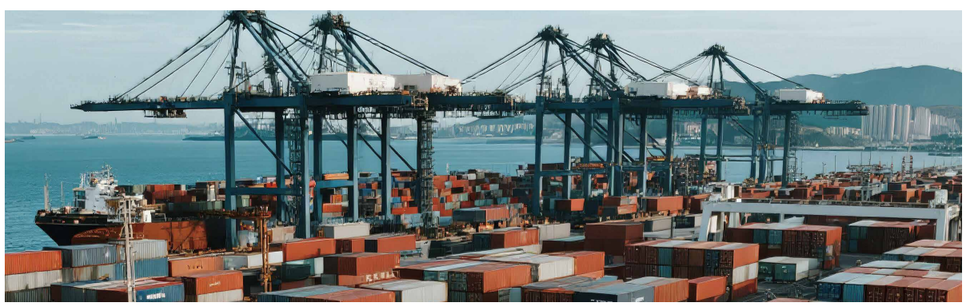
Material Processing Service

To meet customers' personalized needs, the company is equipped with advanced leveling, slitting, cutting, laser processing and other equipment, capable of providing precise leveling, slitting, cutting, laser blanking and other processing services, effectively helping customers reduce inventory, lower costs, and improve production efficiency.



Supply Chain Integration Services

The company integrates upstream and downstream resources, providing a full-process supply chain service that covers raw material procurement, inventory management, precision machining, logistics distribution, and technical support. It builds an efficient and agile supply system to create maximum value for customers.



Advantages and Features »

Advantageous geographical location

The company is located in Jiangyin, known as "China's No.1 County in Manufacturing," adjacent to the golden waterway of the Yangtze River. It is surrounded by a dense highway network, offering extremely convenient logistics and transportation. This enables rapid response to the needs of customers in the Yangtze River and across the country.

Resource channels are stable

Leveraging deep industry accumulation and close relationships with upstream copper mills, we possess advantageous procurement channels and price competitiveness, ensuring stable supply of bulk materials.

Quality Assurance System

We have established a strict quality control system. All products are provided with material certificates to ensure that every link from the source to shipment meets the standards, satisfying customers' pursuit of high-quality materials.

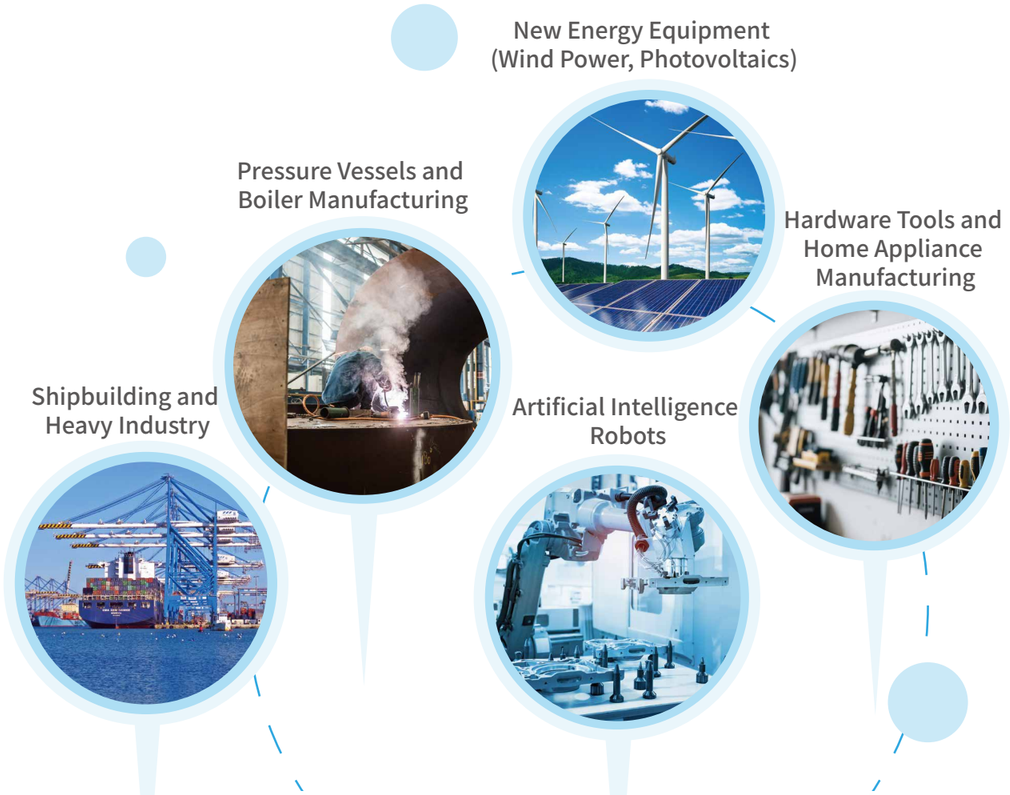
Technical team is professional

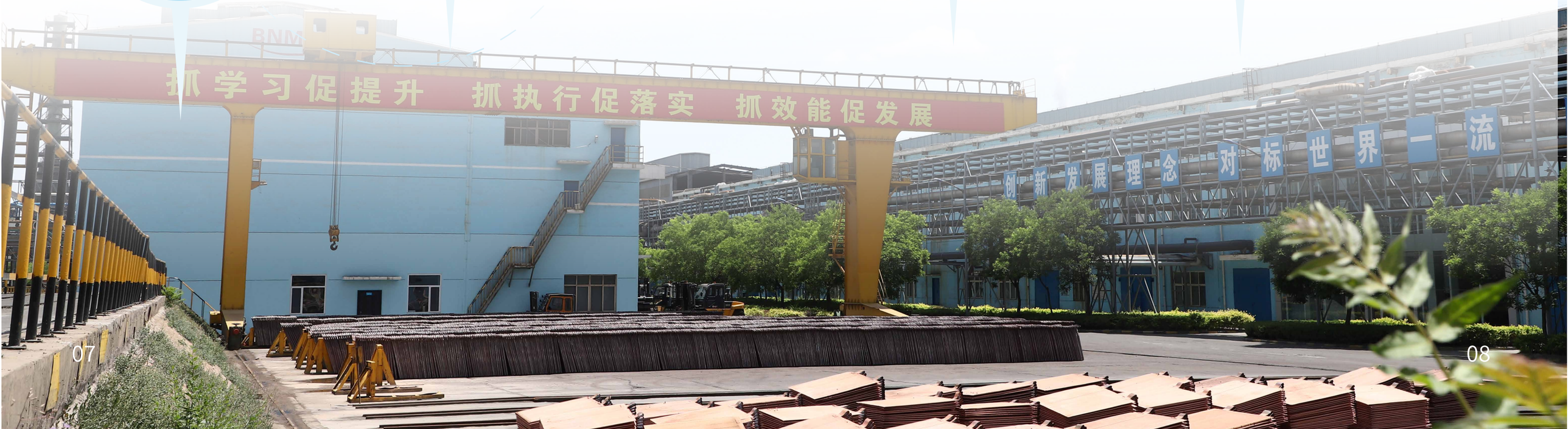
We have an experienced and highly skilled service team that can provide customers with material selection consultation, technical Q&A, and after-sales support, resolving various issues encountered in practical applications.

Customer-first philosophy

Always customer demand-centered, we provide flexible and diverse cooperation models. Whether it is large-scale engineering projects or scattered orders from small and medium-sized manufacturing enterprises, they can all receive equally efficient and professional services.

Application fields »





Pure copper »

Purple copper, also known as red copper, is elemental copper, named for its purplish-red color. For its various properties, see copper. Purple copper is industrial pure copper with a melting point of 1083°C, no allotropic transformation, and a relative density of 8.9, which is five times that of magnesium. The mass of the same volume is about 15% heavier than ordinary steel.

Purple copper has a rose-red color and appears purple after forming an oxide film on the surface, so it is generally called purple copper. It is copper containing a certain amount of oxygen, and thus also known as oxygen-containing copper.

Pure copper rod »

Product Specifications

Name:	Pure copper rod
Standard:	GB/T 5231-2012 , GB/T 4423-2007, ASTM B187/B187M-18, ASTM B152/B152M-19, ASTM B111/B111M-19 , EN 12164:2016 , EN 12165:2016, JIS H 3250:2019
Material	T2、T1、T3、TU1 、TU2、C1100、C11000、C10100、C10200、TAg0.1
Surface:	Glossy surface
Diameter:	4-250mm
Length:	1000-6000mm

Product Features

•High-temperature oxidation resistance •Thermal stability •Corrosion resistance
•Machinability

Application Field

Power and Electrical ,Electronics and Communications,Mechanical Manufacturing,Architectural Decoration,Chemical Industry and Marine Fields,Art and Crafts

Purple copper square bar »

Product Specifications

Name:	Purple copper square bar
Standard:	GB/T 5231-2012 , GB/T 4423-2007, ASTM B187/B187M-18, ASTM B152/B152M-19, ASTM B111/B111M-19 , EN 12164:2016 , EN 12165:2016, JIS H 3250:2019
Material	T2、T1、T3、TU1 、TU2、C1100、C11000、C10100、C10200、TAg0.1
Surface:	
Diameter:	As required
Length:	1000-6000mm

Product Features

•High-temperature oxidation resistance •Thermal stability •Corrosion resistance
•Machinability

Application Field

Electrical power and equipment, electronic communications, mechanical manufacturing, architectural decoration, chemical engineering and marine fields, arts and crafts products.

Pure copper straight tube »

Product Specifications

Name:	Pure copper straight tube
Standard:	GB/T 1527-2006，ASTM B75/B75M，ASTM B88，EN 1057，ISO/TC 155 ，JIS H 3300 BS
Material	TU1 、TU2、T2、C10200、C11000、C12000、C1020、C1100 、Cu-DHP（CW024A）、Cu-ETP（CW004A）
Surface:	Glossy surface
Diameter:	4-28mm
Thickness:	⩽4mm
Length:	As required

Product Features

·High-temperature oxidation resistance ·Thermal stability ·Corrosion resistance
·Machinability

Application Field

Refrigeration and Air Conditioning,Architectural Decoration,Medical Gas Piping,Heat Exchanger,Electrical Wiring,Busbar

Pure copper coiled tube »

Product Specifications

Name:	Pure copper coiled tube
Standard:	GB/T 5231-2015 ，GB/T 1527-2017，ASTM B280，ASTM B68 ，ASTM B75 ，EN 12735，EN 1057，JIS H 3300，AS 1571
Material	T1、C10100、CW003A (OF-Cu)、C1010 、T2、C11000、CW004A (E-Cu58) 、C1100、TP2、C12200、CW024A (SF-Cu)、C1220 、TU2 、C11000、CW004A
Surface:	Glossy surface
Diameter:	4-28mm
Thickness:	⩽4mm
Length:	As required

Product Features

·High-temperature oxidation resistance ·Thermal stability ·Corrosion resistance
·Machinability

Application Field

Refrigeration and Air Conditioning,Architectural Decoration,Medical Gas Piping,Heat Exchanger,Electrical Wiring,Busbar

Pure copper plate »

Product Specifications

Name:	Pure copper plate
Standard:	GB/T 2040，ISO 1337，ASTM B152，JIS H 3300，BS EN 1652 ，DIN EN 1652
Material	TU1 、TU2 、T1、T2、T3、C10100、C10200、C11000 、C12200 、C101、C103、C106、C107、DINOF-Cu 、DINE-Cu 、DINSE-Cu
Surface:	Glossy surface / Brown surface
Diameter:	1-10mm
Length:	As required

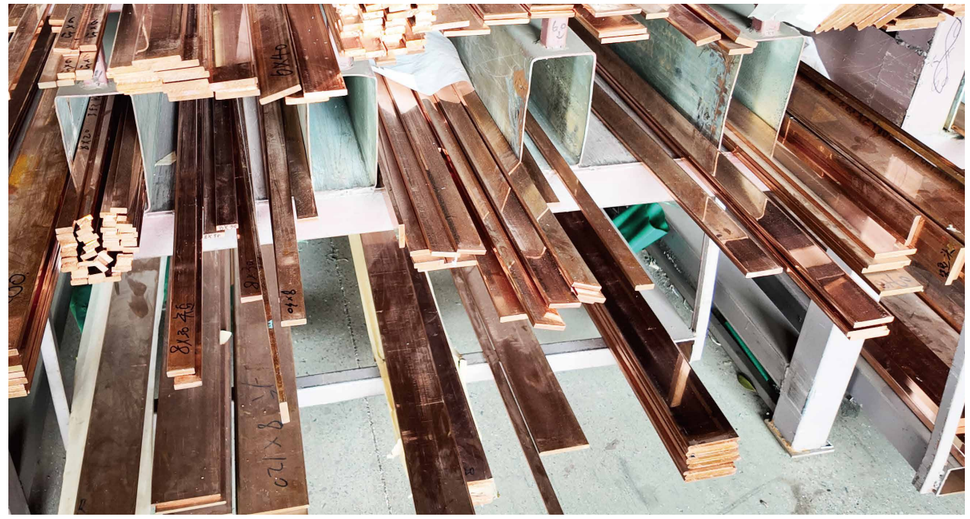
Product Features

·High conductivity ·Thermal stability ·Corrosion resistance ·Processability

Application Field

Power Electronics, Architectural Decoration, Heat Exchange Equipment, Mechanical Manufacturing, Shipbuilding and Marine Engineering, Arts and Crafts, Medical Devices, New Energy

Copper busbar »



Product Specifications

Name:	Copper busbar
Standard:	GB/T 11091，EN 13599，GB/T 5231，IEC 60228 ，ISO 197-1，ASTM B187 / B187M
Material	Tu2 、T1、T2、C10200 、C11000、C103、C101、DINOF-Cu 、DINE-Cu58、CW008A、CW004A
Surface:	Glossy surface
Diameter:	As required
Length:	1000-6000mm

Product Features

·High conductivity ·Thermal stability ·Corrosion resistance ·Processability

Application Field

Communication Cabinet，Transformer，Charging Pile，Box-type Substation，Heat Exchange Equipment (e.g.，Condenser)，Grounding Materials，Hydraulic System and Instrumentation Piping

Purple copper strip »

Product Specifications

Name:	Purple copper strip
Standard:	ISO 197-1:2021，ASTM B152/B152M-19 ，GB/T 5231-2012 ，JIS H 3300:2021
Material	T2、T3 、Tu2、C11000 、C12000、C10200、C101 、C103、C106、C107、DINOF-Cu、DINE-Cu 、DINSE-Cu
Surface:	Glossy surface
Diameter:	As required
Length:	As required

Product Features

·High conductivity ·Thermal stability ·Corrosion resistance ·Processability

Application Field

Power Electronics, Architectural Decoration, Transportation, Heat Exchange Equipment, Electronic Information, Hardware Products, Military Aerospace, Medical Equipment

Red copper sheet »

Product Specifications

Name:	Red copper sheet
Standard:	ISO 197-1:2021，ASTM B152/B152M-19 ，GB/T 5231-2012 ，JIS H 3300:2021
Material	T2、T3 、Tu2、C11000 、C12000、C10200、C101 、C103、C106、C107、DINOF-Cu、DINE-Cu 、DINSE-Cu
Surface:	Glossy surface
Diameter:	As required
Length:	As required

Product Features

·High conductivity ·Thermal stability ·Corrosion resistance ·Processability

Application Field

Power Electronics, Architectural Decoration, Transportation, Heat Exchange Equipment, Electronic Information, Hardware Products, Military Aerospace, Medical Equipment

Large copper rod »

Product Specifications

Name:	Large copper rod
Standard:	GB/T 5231-2012 ,GB/T 4423-2007, ASTM B187/B187M-18, ASTM B152/B152M-19, ASTM B111/B111M-19 , EN 12164:2016 , EN 12165:2016, JIS H 3250:2019
Material	T2、T1、T3、TU1 、TU2、C1100、C11000、C10100、C10200、TAg0.1
Surface:	Black surface
Diameter:	4-250mm
Length:	1000-6000mm

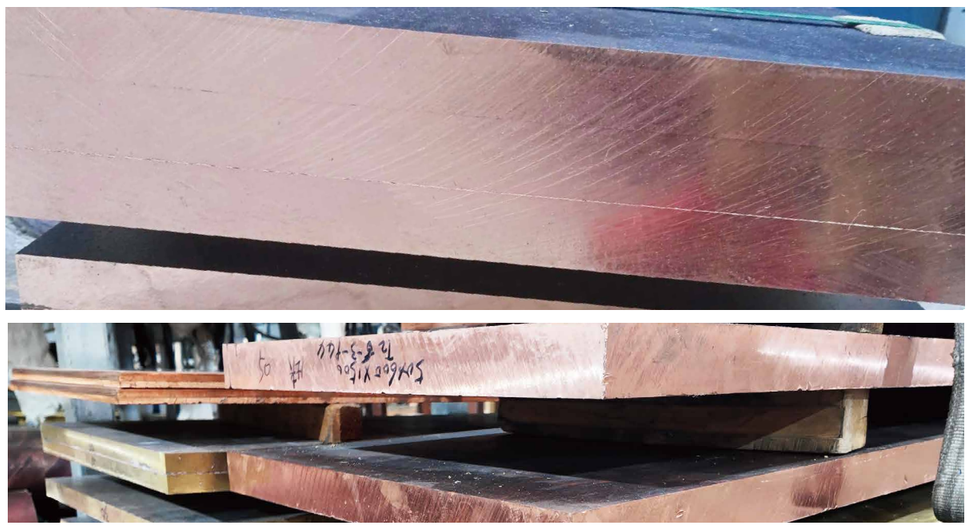
Product Features

•High conductivity •Thermal stability •Corrosion resistance •Processability

Application Field

Power and Electrical, Electronics and Communications, Mechanical Manufacturing, Architectural Decoration, Chemical Industry and Marine Fields, Art and Crafts

Copper medium thick plate »



Product Specifications

Name:	Copper medium thick plate
Standard:	GB/T 2040, ISO 1337 , ASTM B152 , JIS H 3300, BS EN 1652, DIN EN 1652
Material	TU1、TU2、T1 、T2、T3、C10100、C10200 、C11000、C12200、C101、C103、C106、C107、DINOF-Cu 、DINE-Cu、DINSE-Cu
Surface:	Black surface
Diameter:	10-100
Length:	As required

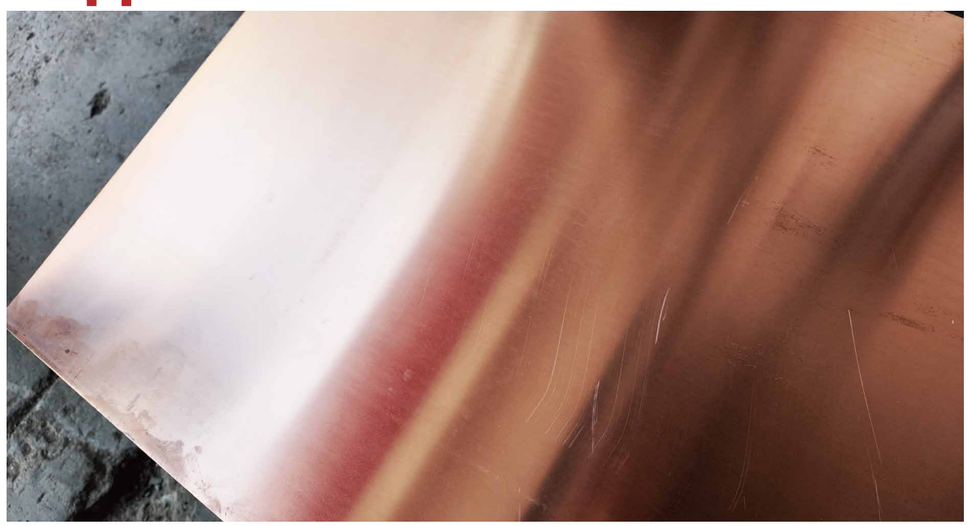
Product Features

•High conductivity •Thermal stability •Corrosion resistance •Processability

Application Field

Power Electronics, Building Decoration, Heat Exchange Equipment, Mechanical Manufacturing, Shipbuilding and Marine Engineering, Arts and Crafts, Medical Devices, New Energy

Phosphorus Deoxidized Copper Plate »



Product Specifications

Name:	Phosphorus Deoxidized Copper Plate
Standard:	GB/T 1527-2017，ASTM B152，ASTM B88，ASTM B111/B395，JIS H3300 ，JIS H3100，EN 1172，EN 1652，ISO 1337
Material	Tp2、C12200、C1220、CW024A
Surface:	Glossy surface
Diameter:	1-10mm
Length:	1500x600

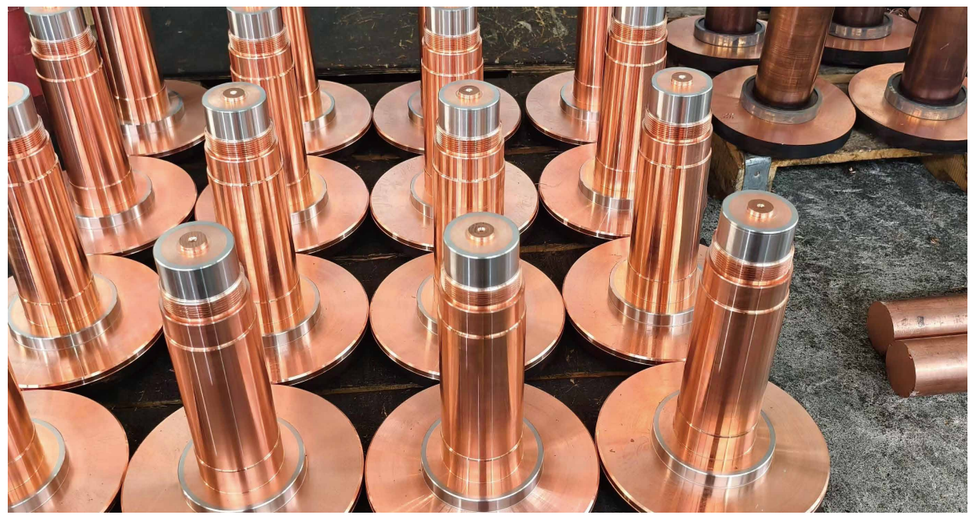
Product Features

•High conductivity •Thermal stability •Corrosion resistance •Processability

Application Field

Heat Exchange Refrigeration，Pipeline Construction，Electrical and Electronics，Chemical Industry，Arts and Crafts，Shipbuilding and Marine，Automotive Radiator Panels

Purple Copper Finished Parts »



Product Specifications

Name:	Purple Copper Finished Parts
Standard:	GB/T 11091，EN 13599，GB/T 5231，IEC 60228，ISO 197-1 ，ASTM B187 / B187M
Material	Tu2、T1 、T2、C10200、C11000、C103、C101 、DINOF-Cu、DINE-Cu58、CW008A、CW004A
Surface:	Shiny surface
Diameter:	As required
Length:	As required

Product Features

•High electrical conductivity •Thermal stability •Corrosion resistance •Processability

Application Field

Communication Cabinet，Transformer，Charging Pile / EV Charger，Box-type Substation / Prefabricated Substation，Heat Exchange Equipment (e.g., Condenser)，Grounding Materials，Hydraulic System and Instrument Piping

Electrical Purple Copper Finished Parts »

Product Specifications

Name:	Electrical Purple Copper Finished Parts
Standard:	GB/T 11091，EN 13599，GB/T 5231，IEC 60228，ISO 197-1 ，ASTM B187 / B187M
Material	Tu2、T1 、T2、C10200、C11000、C103、C101 、DINOF-Cu、DINE-Cu58、CW008A、CW004A
Surface:	Shiny surface
Diameter:	As required
Length:	As required

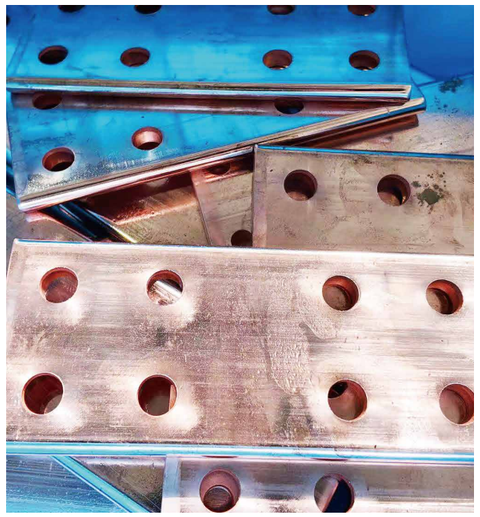
Product Features

• High electrical conductivity • Thermal stability • Corrosion resistance • Processability

Application Field

Telecommunications Cabinet, Transformer, Charging Pile, Box-type Substation, Heat Exchange Equipment (e.g., Condenser), Grounding Materials, Hydraulic System and Instrument Pipelines

Electrical Purple Copper Finished Parts »



Product Specifications

Name:	Electrical Purple Copper Finished Parts
Standard:	GB/T 11091，EN 13599，GB/T 5231，IEC 60228，ISO 197-1 ，ASTM B187 / B187M
Material	Tu2、T1 、T2、C10200、C11000、C103、C101 、DINOF-Cu、DINE-Cu58、CW008A、CW004A
Surface:	Shiny surface
Diameter:	As required
Length:	As required

Product Features

• High electrical conductivity • Thermal stability • Corrosion resistance • Processability

Application Field

Telecommunications Cabinet, Transformer, Charging Pile, Box-type Substation, Heat Exchange Equipment (e.g., Condenser), Grounding Materials, Hydraulic System and Instrument Pipelines

Plated copper busbar »

Product Specifications

Name:	Plated copper busbar
Standard:	GB/T 11091，EN 13599 ，GB/T 5231，IEC 60228，ISO 197-1，ASTM B187 / B187M
Material	Tu2、T1 、T2、C10200、C11000、C103、C101 、DINOF-Cu、DINE-Cu58、CW008A、CW004A
Surface:	Shiny surface
Diameter:	As required
Length:	As required

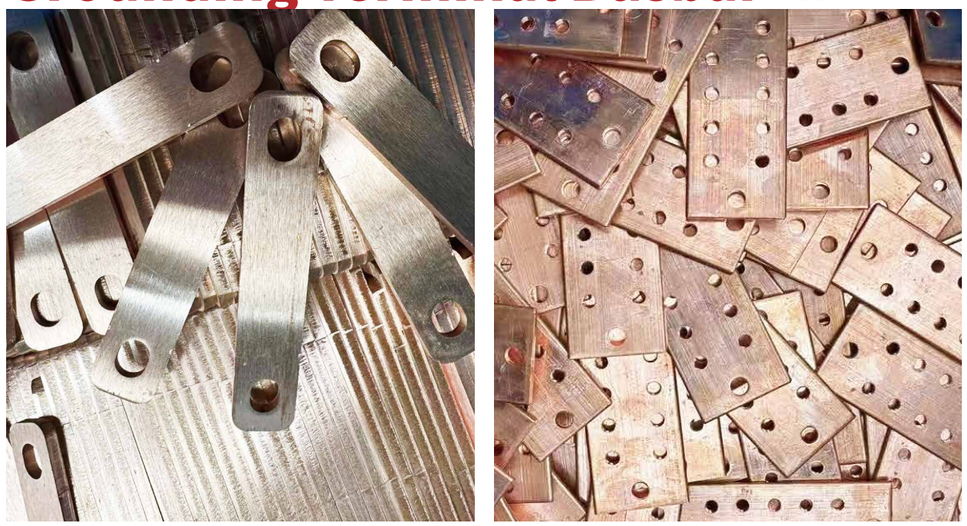
Product Features

• High electrical conductivity • Thermal stability • Corrosion resistance • Processability

Application Field

Telecommunications Cabinet, Transformer, Charging Pile, Box-type Substation, Heat Exchange Equipment (e.g., Condenser), Grounding Materials, Hydraulic System and Instrument Pipelines

Purple Copper Brass Busbar Grounding Terminal Busbar »



Product Specifications

Name:	Purple Copper Brass Busbar Grounding Terminal Busbar
Standard:	GB/T 11091 ，EN 13599 ，GB/T 5231，IEC 60228，ISO 197-1 ，ASTM B187 / B187M
Material	Tu2、T1、T2、C10200、C11000 、C103 、C101、DINOF-Cu、DINE-Cu58、CW008A、CW004A、H90、H96、H85、H80、H70、H68、H65、H63、H62、H59
Surface:	Shiny surface
Diameter:	As required
Length:	As required

Product Features

• High electrical conductivity • Thermal stability • Corrosion resistance • Processability

Application Field

Telecommunications Cabinet, Transformer, Charging Pile, Box-type Substation, Heat Exchange Equipment (e.g., Condenser), Grounding Materials, Hydraulic System and Instrument Pipelines

Mechanical properties

Model number	Status	Tensile test			Hardness test		
		Thickness /mm	Tensile strength R./(N/mm²)	Elongation after fracture $A_{11.3}$/%	Thickness /mm	Vickers hardness HV	Rockwell hardness HRB
T2、T3 TP1、TP2 TU1、TU2	R	4～14	≥195	≥30	—	—	—
	M	0.3～10	≥205	≥30	≥0.3	≤70	—
	Y_1		215～275	≥25		60～90	—
	Y_2		245～345	≥8		80～110	—
	Y		295～380	—		90～120	—
	T		≥350	—		≥110	
H96	M	0.3～10	≥215	≥30	—	—	—
	Y		≥320	≥3			
H90	M	0.3～10	≥245	≥35	—	—	—
	Y_2		330～440	≥5			
	Y		≥390	≥3			
H85	M	0.3～10	≥260	≥35	≥0.3	≤85	—
	Y_2		305～380	≥15		80～115	
	Y		≥350	≥3		≥105	
H80	M	0.3～10	≥265	≥50			
	Y		≥390	≥3			
H70、H68	R	4～14	≥290	≥40	—	—	—
H70 H68 H65	M	0.3～10	≥290	≥40	≥0.3	≤90	—
	Y_1		325～410	≥35		85～115	—
	Y_2		355～440	≥25		100～130	—
	Y		410～540	≥10		120～160	—
	T		520～620	≥3		150～190	—
	TY		≥570	—		≥180	
H63 H62	R	4～14	≥290	≥30	—	—	—
	M	0.3～10	≥290	≥35	≥0.3	≤95	—
	Y_2		350～470	≥20		90～130	—
	Y		410～630	≥10		125～165	—
	T		≥585	≥2.5		≥155	—

Model number	Status	Tensile test			Hardness test		
		Thickness /mm	Tensile strength R./(N/mm²)	Elongation after fracture $A_{11.3}$/%	Thickness /mm	Vickers hardness HV	Rockwell hardness HRB
H59	R	4～14	≥290	≥25	—	—	—
	M	0.3～10	≥290	≥10	≥0.3	—	—
	Y		≥410	≥5		≥130	—
HPb59-1	R	4～14	≥370	≥18	—	—	—
	M	0.3～10	≥340	≥25	—	—	—
	Y_2		390～490	≥12			
	Y		≥440	≥5			
HPb60-2	Y	—	—	—	0.5～2.5	165～190	
					2.6～10	—	75～92
	T	—	—	—	0.5～1.0	≥180	—
HMn58-2	M	0.3～10	≥380	≥30	—	—	—
	Y_2		440～610	≥25			
	Y		≥585	≥3			
HSn62-1	R	4～14	≥340	≥20		—	—
	M	0.3～10	≥295	≥35	—	—	—
	Y_2		350～400	≥15			
	Y		≥390	≥5			
HMn57-3-1	R	4～8	≥440	≥10	—	—	—
HMn55-3-1	R	4～15	≥490	≥15	—	—	—
HA160-1-1	R	4～15	≥440	≥15	—	—	
HA167-2.5	R	4～15	≥390	≥15	—	—	—
HA166-6-3-2	R	4～8	≥685	≥3	—	—	—
HNi65-5	R	4～15	≥290	≥35	—	—	—
QA15	M	0.4～12	≥275	≥33	—	—	—
	Y		≥585	≥2.5			
QA17	Y_2	0.4～12	585～740	≥10	—	—	—
	Y		≥635	≥5			
QA19-2	M	0.4～12	≥440	≥18	—	—	—
	Y		≥585	≥5			
QA19-4	Y	0.4～12	≥585	—	—	—	—
QSn6.5-0.1	R	9～14	≥290	≥38	—	—	—
	M	0.2～12	≥315	≥40	≥0.2	≤120	—
	Y_4	0.2～12	390～510	≥35		110～155	—
	Y_2	0.2～12	490～610	≥8	≥0.2	150～190	—

Model number	Status	Tensile test			Hardness test		
		Thickness /mm	Tensile strength R./(N/mm²)	Elongation after fracture $A_1$1.3/%	Thickness /mm	Vickers hardness HV	Rockwell hardness HRB
QSn6.5-0.1	Y	0.2～3	590～690	≥5	≥0.2	180～230	—
		>3～12	540～690	≥5		180～230	
	T	0.2～5	635～720	≥1		200～240	—
	TY		≥690	—		≥210	—
QSn6.5-0.4 QSn7-0.2	M Y T	0.2～12	≥295 540～690 ≥665	≥40 ≥8 ≥2	—	—	—
QSn4-3 QSn4-0.3	M Y T	0.2～12	≥290 540～690 ≥635	≥40 ≥3 ≥2	—	—	—
QSn8-0.3	M Y Y_2 Y T	0.2～5	≥345 390～510 490～610 590～705 ≥685	≥40 ≥35 ≥20 ≥5 —	≥0.2	≤120 100～160 150～205 180～235 ≥210	— — — — —
QCd1	Y	0.5～10	≥390	—	—	—	—
QCr0.5 QCr0.5-0.2-0.1	Y	—	—	—	0.5～15	≥110	
QMn1.5	M	0.5～5	≥205	≥30	—	—	—
QMn5	M Y	0.5～5	≥290 ≥440	≥30 ≥3	—	—	—
QSi3-1	M Y T	0.5～10	≥340 585～735 ≥685	≥40 ≥3 ≥1	—	—	—
QSn4-4-2.5 QSn4-4-4	M Y_3 Y_2 Y	0.8～5	≥290 390～490 420～510 ≥510	≥35 ≥10 ≥9 ≥5	≥0.8	—	— 65～85 70～90 —
BZn15-20	M Y_2 Y T	0.5～10	≥340 440～570 540～690 ≥640	≥35 ≥5 ≥1.5 ≥1	—	—	—
BZn18-17	M Y_2 Y	0.5～5	≥375 440～570 ≥540	≥20 ≥5 ≥3	≥0.5	— 120～180 ≥150	—

Model number	Status	Tensile test			Hardness test		
		Thickness /mm	Tensile strength R./(N/mm²)	Elongation after fracture $A_1$1.3/%	Thickness /mm	Vickers hardness HV	Rockwell hardness HRB
B5	R	7～14	≥215	≥20	—	—	—
	M Y	0.5～10	≥215 ≥370	≥30 ≥10	—	—	—
B19	R	7～14	≥295	≥20	—	—	—
	M Y	0.5～10	≥290 ≥390	≥25 ≥3	—	—	—
BFe10-1-1	R	7～14	≥275	≥20	—	—	—
	M Y	0.5～10	≥275 ≥370	≥28 ≥3	—	—	—
BFe30-1-1	R	7～14	≥345	≥15	—	—	—
	M Y	0.5～10	≥370 ≥530	≥20 ≥3	—	—	—
BAl 6-1.5	Y	0.5～12	≥535	≥3	—	—	—
BAl 13-3	CYS		≥635	≥5	—	—	—
BMn40-1.5	M Y	0.5～10	390～590 ≥590	actual measurement actual measurement	—	—	—
BMn3-12	M	0.5～10	≥350	≥25	—	—	—

Note: For plates with thickness outside the specified range, the properties shall be agreed upon between the supplier and the buyer.

Development Vision »

Looking to the future, Cymber will continue to deeply cultivate the field of metal materials, continuously expanding its product lines and enhancing its processing capabilities and service levels. The company aspires to become a trusted, core-competitive benchmark enterprise in comprehensive metal material services, joining hands with partners to advance together and create brilliance.