



Cu Foam Customized PPI Copper Metal Foam For Catalysts

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Model Number: Copper foam
- Minimum Order Quantity: 500
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

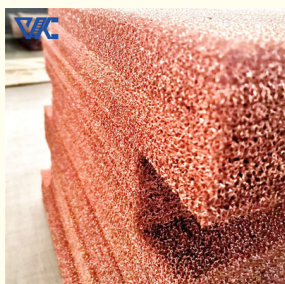


Product Specification

- Product Name: Foam Alloy
- Density: 0.2~0.4g/cm³
- Melting Temperature: 560-700°C
- Feature: High Impact Absorption Ability
- Purity: 98%
- Size: Customers' Requirements
- Thickness: 5-120mm
- Shape: Square And Round
- Chemical Composition: Cu
- Highlight: **Copper Metal Foam, Cu Metal Foam, High Porous Electrode Sheet**



More Images



Product Description

Introduction:

Copper foam is a porous metal material with many unique properties and applications. It is made by adding bubble foaming agent to copper alloy, and then sintering and cooling at high temperature.

Characteristic:

1. Porous structure: Copper foam has a continuous pore structure, and the pores are connected to each other to form an open pore network.
2. Low density: The density of copper foam is relatively low, usually between 0.2-1.0 g/cm³, and has a lighter weight.
3. High specific surface area: Due to its porous structure, copper foam has a large specific surface area, which is conducive to reactions such as adsorption, catalysis, and mass transfer.
4. Excellent thermal conductivity: Copper foam has good thermal conductivity, and the thermal conductivity is usually between 100-400 W/(m·K).
5. Good mechanical properties: Although copper foam has a porous structure, it still has high strength and rigidity.
6. Electromagnetic shielding performance: Copper foam has good electromagnetic shielding performance and can be used in electronic devices and communication equipment.



Parameter:

1. Porosity: The porosity of copper foam refers to the proportion of pore volume in its total volume, usually between 70-95%.
2. Pore size: The pore size of copper foam can be adjusted according to specific application requirements, usually between 0.1-5.0 mm.
3. Pore distribution: The pore distribution of copper foam can be uniform or non-uniform, and can be designed according to application requirements.
4. Density: The density of copper foam depends on the porosity and material composition, usually between 0.2-1.0 g/cm³.
5. Thermal conductivity: The thermal conductivity of copper foam is usually between 100-400 W/(m·K). The specific value is related to the material preparation method and composition.

Details:

Aperture	0.1mm-10mm(can customized)
Porosity	60%-98%
Through porosity	≥98%
Bulk density	0.1-0.8g/cm ³
PPI	5-130
size	Customized
Tensile Strength	5-18KPa
compressive strength	≥250KPa
mechanical strength	≥2-5KPa
High temperature resistance	≥900°C
Heat transfer coefficient	>6W/(m ² k)

3mm*300mm*200mm	2mm*500mm*500mm	2mm*100mm*100mm
1.6mm*200mm*300mm	1.6mm*100mm*100mm	1.5mm*200mm*300mm
1.0mm*300mm*200mm	1mm*500mm*500mm	0.5mm*100mm*100mm
0.3mm*100mm*100mm	0.2mm*100mm*100mm	0.1mm* 100mm*100mm
80um*100mm*100mm	30um*100mm*100mm	The size can be customized

contact us

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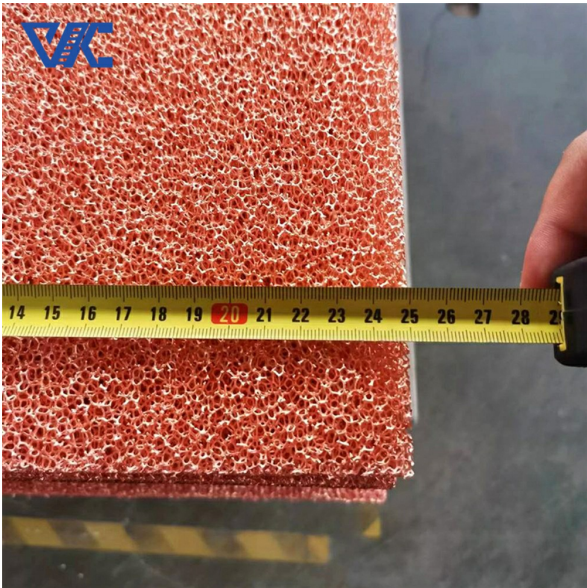
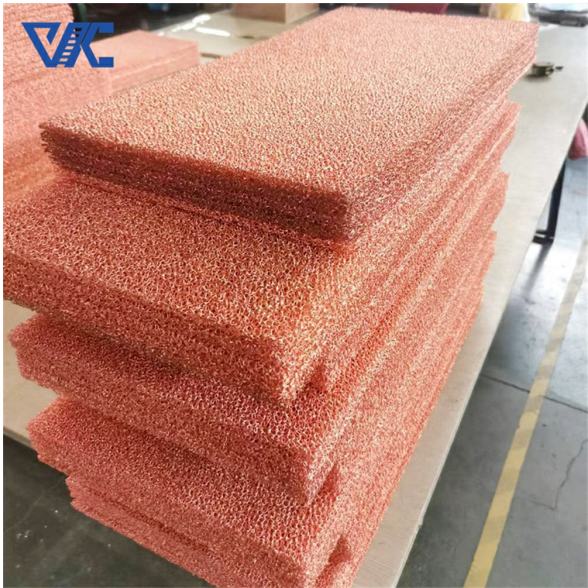
Oem service:

Welcome customized size

We are experience factory for OEM&ODM service

Related Foam

Nickel Foam	Carbon Foam	Aluminium Foam	Stainles Steel Foam	Ag Foam



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