

## Product Information/ Analysis

**Invoice#**

**, Ship date:**

### Description

Type:	Copper powder, water atomized, hydrogen reduced
Form:	Metal Powder
Chemical Class:	Cu
CAS-Number:	7440-50-8
Product Code:	CU301
Lot Number:	Q5M1014(L052604021)

### Chemical Analysis

### Test Results

### Specifications

### Method:

		Min	Max	
% Copper	99.80	99	100	Spectro.
Hydrogen Loss (%WGT)	0.20		0.5	MPIF STD 02

### Physical Properties

Apparent Density	(g/cc)	3.02	2.7	3.5	MPIF STD 28
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### SIEVE ANALYSIS (% weight)

+60 Mesh	0			MPIF STD 05
-60/+80 Mesh	0			
-80/+100 Mesh	0			
-100/+140 Mesh	0		TR	
-140/+200 Mesh	0		0.2	
-200/+325 Mesh	3.0		3	
-325 Mesh	97.0	97		

### Pressing Properties ( with 0.6% Lithium Stearate added as Lubricant)

Green Density @ 30 TSI, g/cc 7.51 (Based on specifications or tests of previous lots)

### Sintered Properties

**1,000 C, 1 Hour, DA Atoms.**

Shrinkage, % -4 (Based on specifications or tests of previous lots)  
Sintered Density, g/cc 8.43 (Based on specifications or tests of previous lots)  
Electrical Conductivity, % IACS 90.2

The above data are provided for the convenience of the customer and do not relieve the purchaser of responsibility for the inspection of material upon delivery or prior to use.

**Approved by**  
**Quality Control Manager**  
**Mohammad Hamzeh**  
**5/6/2026**