ATLANTIC EQUIPMENT ENGINEERS
HIGH PURITY METALS & COMPOUNDS

# CU 110-112-115
## Copper Powder, Spheroidal

| CU 110-112-115 | |
|---|---|
| Formula | Cu |
| Purity | 99.9% min metals basis |
| Particle size | 1-5 um, -325 mesh, -100 mesh |

| Chemistry | |
|---|---|
| **Elements** | **Typical Results** |
| Copper | 99.9 min metals basis |
| Hydrogen loss | 0.25 |

| Particle Size | | |
|---|---|---|
| **Catalog Number** | **Size** | |
| CU 110 | 1–5-micron APS | 4-micron aps typical |
| CU 112 | -325 mesh | 95% min <44 microns |
| CU 115 | -100 mesh | 95% min <149 microns |



Spheroidal copper powders are used in the following applications, self-lubricating bearings, electrical parts, conductive epoxy's, chemical catalysts, metal-bonded abrasive wheels and cutting tools, and aircraft braking systems. CU 110 is sized for use in thick/thin films, and conductive coatings. CU 110 and CU 112 are also used in injection molding, electronics, ceramics, and thin/thick film applications. CU 115 is used for blending with tin for making bronze bearings, alloy structural components, matrix bonding material for diamond and abrasive wheels and cutting tools.

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