

Technical Data Sheet

Copper Granules

Product ID: 2900GN001 - 2900GN006

Formular: Cu

Molecular weight: 63.54 g/mol

CAS No.: 7440-50-8

EINECS No.: 231-159-6

Color: Reddish-brown

Description: Available in 4N, 5N, and 6N purity grades, our copper granules provide outstanding conductivity, low impurity levels, uniform morphology, and reliable performance for advanced material applications.

Application: Thin-film deposition, vacuum coating, semiconductor and electronic industries, alloy manufacturing, and advanced research applications.

Product

Image:



1. Sizes

Product ID	Formula	Size
2900GN001	Cu (99.99%)	3 mm - 6 mm
2900GN002	Cu (99.99%)	<10 mm
2900GN003	Cu (99.999%)	3 mm - 6 mm
2900GN004	Cu (99.999%)	<10 mm
2900GN005	Cu (99.9999%)	3 mm - 6 mm
2900GN006	Cu (99.9999%)	<10 mm
2900GN4NDZ	Cu (99.99%)	Customized
2900GN5NDZ	Cu (99.999%)	Customized
2900GN6NDZ	Cu (99.9999%)	Customized

2. Chemical compositions

		Metal impurities (ppm)						
Element Typical Value Purity	Fe	Ni	Zn	As	Pb	Sn	Ta	Bi
	99.99%	≤ 10	≤ 10	≤ 5	≤ 5	≤ 5	≤ 5	≤ 10
99.999%	≤ 2	≤ 1.5	≤ 1	≤ 0.5	≤ 0.5	≤ 1	≤ 2	≤ 0.5
99.9999%	≤ 0.20	≤ 0.15	≤ 0.05	≤ 0.02	≤ 0.02	≤ 0.02	≤ 0.10	≤ 0.02

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Bottled/Bag.
 Double vacuum packed.
 Custom packaging is available.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

Handle carefully with appropriate protective equipment to prevent contamination, material loss, and surface oxidation.

Store in a sealed, dry, and clean environment to minimize oxidation, moisture exposure, and contamination.

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