

Technical Data Sheet

Copper Pellets

Product ID: 2900PL001 - 2900PL006

Formular: Cu

Molecular weight: 63.54 g/mol

CAS No.: 7440-50-8

EINECS No.: 231-159-6

Color: Reddish-brown

Description: Our copper pellets are available in 4N, 5N, and 6N purity grades and can be customized in various sizes to meet specific requirements. They offer excellent electrical and thermal conductivity, outstanding machinability, and reliable performance for a wide range of industrial and research applications.

Application: Evaporation and sputtering materials, alloy production, electronics, semiconductor manufacturing, etc.

**Product
Image:**



1. Sizes

Product ID	Formula	Size
2900PL001	Cu (99.99%)	Ø 3mm x 3 mm
2900PL002	Cu (99.99%)	Ø 6mm x 6 mm
2900PL003	Cu (99.999%)	Ø 3mm x 3 mm
2900PL004	Cu (99.999%)	Ø 6mm x 6 mm
2900PL005	Cu (99.9999%)	Ø 3mm x 3 mm
2900PL006	Cu (99.9999%)	Ø 6mm x 6 mm
2900PL4NDZ	Cu (99.99%)	Customized
2900PL5NDZ	Cu (99.999%)	Customized
2900PL6NDZ	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 with appropriate protective equipment and avoid generating dust or contaminating the material during handling.

Store in a cool, dry, and well-ventilated place in a tightly sealed container to prevent moisture, oxidation, and contamination.

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