

Technical Data Sheet

Copper(II) Oxide Granules

Product ID: 290801GN001

Formula: CuO

Molecular weight: 79.55 g/mol

CAS No.: 1317-38-0

EINECS No.: 215-269-1

Color: Black

Description: Copper Oxide granules offer excellent chemical stability, consistent composition, and reliable evaporation performance, making them suitable for high-quality thin-film deposition and coating applications.

Application: Thin-film deposition, semiconductor devices, solar cells, optoelectronics, functional coatings, etc.

Product

Image:



1. Sizes

Product ID	Formula	Size
290801GN001	CuO (99.9%)	3 mm - 10 mm
290801GNDZ	CuO (99.9%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)							
	Mg	Si	V	Cr	Fe	Ni	Sn	Pb
99.9%	≤ 50	≤ 100	≤ 200	≤ 50	≤ 200	≤ 100	≤ 50	≤ 50

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 in a clean, dry environment with appropriate protective equipment to minimize contamination and moisture exposure.

Store in a tightly sealed container in a cool, dry place, away from moisture and direct sunlight.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Address: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.