

Technical Data Sheet

Cobalt(II) Oxide Granules

Product ID: 270801GN001

Formula: CoO

Molecular weight: 74.93 g/mol

CAS No.: 1307-96-6

EINECS No.: 215-154-6

Color: Dark brown

Description: Cobalt(II) oxide granules offer good thermal stability, chemical durability, and controlled composition, making them suitable for high-quality thin-film deposition and advanced ceramic applications.

Application: Sputtering deposition, magnetic materials, semiconductor devices, ceramics, other advanced functional materials, etc.

Product

Image:



1. Sizes

Product ID	Formula	Size
270801GN001	CoO (99.9%)	1 mm - 10 mm

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Fe	Ca	Cu	Na	Ni	Si
99.9%	≤ 150	≤ 200	≤ 100	≤ 100	≤ 150	≤ 100

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 dry, well-ventilated area while avoiding dust generation and direct contact.

Store in a tightly sealed container in a cool, dry place away from moisture and incompatible materials.

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