

Technical Data Sheet

Indium Zinc Oxide Granules

Product ID: 4908300800GN001 / 4908300800GN002

Formular: $\text{In}_2\text{O}_3\text{-ZnO}$

Molecular weight: /

CAS No.: 117944-65-7

EINECS No.: /

Color: Yellow

Description: Our IZO granules typically have a purity of $\geq 99.9\%$. The common composition is 90/10wt%, with customization available upon request. They feature excellent transparent conductivity and good chemical stability.

Application: Transparent conductive films, optoelectronic devices, optical coatings, solar cells, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
4908300800GN001	$\text{In}_2\text{O}_3\text{-ZnO}$ (90/10 wt%)	3 mm - 6 mm
4908300800GN002	$\text{In}_2\text{O}_3\text{-ZnO}$ (90/10 wt%)	3 mm - 12 mm
4908300800GNDZ	$\text{In}_2\text{O}_3\text{-ZnO}$	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)							
	Cu	Si	Al	Fe	Mg	Ti	Pb	Cd
99.9%	≤ 15	≤ 5	≤ 15	≤ 10	≤ 8	≤ 10	≤ 10	≤ 5

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.

4. Period of Validity

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

5. Handling and Storage

When using, wear appropriate protective equipment such as masks and gloves to avoid inhalation or skin contact. Avoid strong vibrations or impact to prevent particle damage or performance degradation.

Stored in a dry, well-ventilated environment, avoiding moisture and contamination. Keep the packaging intact to prevent the particles from absorbing moisture or being contaminated, which could affect their quality and performance.

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