Alumina-doped Zinc Oxide Granules

❖ Product Introduction

Alumina-doped Zinc Oxide Granules are high-purity conductive oxide materials composed of aluminum oxide-doped zinc oxide. They offer good chemical stability, electrical conductivity, thermal stability, and optical properties. With a uniform granular form, the material is suitable for thin-film deposition, material research, target fabrication, and other PVD-related applications.

❖ Product Characteristics

1. High purity, uniform composition, and consistent material quality
2. Good electrical conductivity and optical properties
3. Good thermal stability and chemical resistance
4. Uniform granule morphology for convenient handling and processing
5. Suitable for thin-film deposition, target fabrication, and advanced material research

❖ Product Specifications

Product ID	Formula	Purity	Size
3008130800GN001	ZnO-Al2O3	99.9%	1 mm - 4 mm
3008130800GN002	ZnO-Al2O3	99.9%	3 mm - 6 mm
3008130800GNC01	ZnO-Al2O3	Customized	Customized

Chemical Composition (ppm)					
Ce	Mn	Cu	Cr	Na	Ni
<50	<50	<50	<50	<30	<30

❖ Typical Applications

Alumina-doped Zinc Oxide granules are widely used in transparent conductive film research, photovoltaic devices, display technologies, optical coatings, target fabrication, and other advanced thin-film deposition applications.

❖ Packaging

Outer packaging: Cardboard box or Paper drum.
Inner packaging: Double-layer vacuum-sealed bag.
Packaging specifications: 1 kg/bag or 1 kg/bottle.
Custom packaging is available upon request.

❖ Storage

During transportation and storage, avoid moisture, contamination and direct sunlight. Keep away from fire sources and corrosive substances. Use the bag as soon as it is opened. The shelf life is no more than 24 months from the production date.

❖ Custom specifications are available, including

- Higher purity
- Customized granule sizes
- More packaging options
- Customized specifications upon request

❖ Cautions

This product may cause irritation if dust is inhaled or if it comes into contact with the skin or eyes. Avoid inhalation of dust and contact with skin and eyes. We recommend that customers inform us of their intended use before purchasing to ensure proper product handling and use.

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