



ZnO Zinc Oxide

CAS Number: 1314-13-2

DESCRIPTION

Zinc Oxide is a high-purity zinc source widely used in fertilisers, animal feed, rubber, ceramics, chemical processing, and industrial applications. The product provides a concentrated source of zinc and is suitable for micronutrient fertiliser formulations and feed supplementation applications.

KEY FEATURES

- High zinc content
- High purity grade
- Low heavy metal content
- Consistent particle size distribution
- Suitable for fertiliser and feed applications
- Excellent handling characteristics

APPLICATIONS

- Micronutrient fertilisers
- Animal feed supplements
- Rubber manufacturing
- Ceramics and glass
- Chemical processing
- Industrial formulations



**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Appearance	Yellowish Powder
Zinc Oxide (ZnO), %	≥95.0
Zinc (Zn), %	≥76.3
Loss on Ignition, %	1.0 – 4.0
Lead (Pb), %	≤0.002
Volatile Matter (105°C), %	≤0.5
Sulphate (SO ₄ ²⁻), %	≤0.8
Residue (150 µm), %	≥98.0
Cadmium (Cd), %	≤0.0008
Arsenic (As), %	≤0.0005
pH	6.0 – 9.0
Bulk Density, g/mL	0.3 – 0.9

PACKAGING

Available in 25 kg bags, 500 kg bags, 1000 kg jumbo bags, and customised bulk packaging upon request.

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated environment away from moisture and incompatible materials. Keep containers tightly sealed during storage and handling.

SAFETY

Refer to the Safety Data Sheet (SDS) for detailed safety, handling, transport, and regulatory information.