



Zinc Oxide 99.5%

(French Process)

CAS No.: 1314-13-2
Chemical Formula: ZnO

Zinc Oxide 99.5% (French Process) is a high-purity white powder widely used as an additive in coatings, rubbers, ceramics, plastics, and chemical formulations. Its fine particle size and controlled impurities make it suitable for demanding industrial and construction applications.

KEY FEATURES

- High purity grade ($\geq 99.5\%$ ZnO)
- Low heavy metal content (Pb, Cd, Cu controlled)
- Excellent whiteness and stability
- Fine particle size (325 mesh pass $\geq 99\%$)
- Versatile functional additive across industries

APPLICATIONS

- Rubber vulcanization activator and reinforcing agent
- Ceramic frits, tiles, and ferrites
- Paints and coatings (UV protection, opacity, mildew resistance)
- Plastics and polymers (heat stabilizer, UV absorber)
- Glass and chemical intermediates

SPECIFICATIONS

Parameter	Specification
Zinc Oxide (ZnO)	$\geq 99.5\%$
Lead (Pb)	≤ 1000 ppm
Cadmium (Cd)	≤ 100 ppm
Copper (Cu)	≤ 5 ppm
Sieve Pass (325 mesh)	$\geq 99\%$





**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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PACKAGING

- 25 kg multi-ply paper bags
- Other packaging options on request

STORAGE

Store in a cool, dry, and well-ventilated area. Keep material tightly closed in original packaging. Protect from moisture and contamination. Shelf life: at least 36 months under recommended storage conditions.

SAFETY & HANDLING

Avoid dust generation and inhalation. Use appropriate personal protective equipment (PPE) including gloves, goggles, and dust masks. Refer to the current Safety Data Sheet (SDS) for detailed information on safe handling, storage, and disposal.