



Zinc Oxide 99.7%

(French Process)

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

Zinc Oxide 99.7% (French Process) is an ultra-high-purity white powder designed for use in demanding industrial and specialty applications. With extremely low heavy metal content and fine particle size, it is suitable for high-performance formulations in rubber, ceramics, coatings, plastics, and chemical intermediates.

KEY FEATURES

- Ultra-high purity grade ($\geq 99.7\%$ ZnO)
- Very low levels of lead, cadmium, and copper
- Excellent whiteness, opacity, and stability
- Fine particle size (325 mesh pass $\geq 99.5\%$)
- Broad industrial functionality and performance benefits

APPLICATIONS

- Rubber vulcanization activator and reinforcing agent
- High-grade ceramic frits, ferrites, and tiles
- Paints and coatings (UV protection, whiteness, mildew resistance)
- Plastics and polymers (heat stabilizer and UV absorber)
- Gypsum board (mildew resistance, whiteness, fire performance)
- Glass and other chemical intermediates

SPECIFICATIONS

Parameter	Specification
Zinc Oxide (ZnO)	$\geq 99.7\%$
Lead (Pb)	≤ 100 ppm
Cadmium (Cd)	≤ 50 ppm
Copper (Cu)	≤ 5 ppm
Sieve Pass (325 mesh)	$\geq 99.5\%$





**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: minimum 36 months under recommended storage conditions.

SAFETY & HANDLING

Avoid dust formation and inhalation. Use appropriate PPE including gloves, goggles, and dust masks. Refer to the current Safety Data Sheet (SDS) for comprehensive safety, handling, and disposal guidelines.