

SPECIFICATION

Product Name: Zinc Carbonate Technical Grade
Chemical Formula: ZnCO_3
CAS Number: 3486-35-9
Molecular Weight: 549.01 g/mol
Appearance: Brownish yellow oily clear liquid
Odor: Odorless

Chemical Composition

Parameter	Unit	Typical Value
Zinc	%	52 – 55 %
Loss on Ignition 600°C	%	46 – 48 %
PH	-	6.5 – 7.5
Tapped Bulk Density	gm/cm ³	0.6 – 0.8
Mesh Size, 270 ASTM	%	Max. 0.50 %
Lead as Pb	PPM	Max. 10PPM
Cadmium as Cd	PPM	Max. 10 PPM
Average Particle Size D50	Microns	NMT 12 Micron

Physical Properties

- Solubility: Insoluble in water. Insoluble in ethanol. Insoluble in acetone. Insoluble in methanol.
Soluble in acetic acid.

Shelf Life & Storage

- Shelf Life: 5 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed container in a cool, dry, and well-ventilated area, protected from moisture, excessive heat, acids, and contamination.

Applications

- Use: Widely used as a zinc source, chemical intermediate, pigment precursor, and processing additive in various industrial and technical applications.
- Dosage: Depends on Required zinc concentration, Product formulation, Manufacturing process, Performance requirements, Applicable industrial standards.

Packaging

- Standard Packing: 25 Kgs pp bag with inner liner or as per customer requirement.
 - Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.
- * Specifications are based on the manufacturer's provided specifications.