

# OXZINAL 802

Zinc Oxide



Product  
specification



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## Zinc Oxide



### CERAMICS

Zinc oxide is used in the production of frits and glazes which are used in the manufacture of floors, tiles, bathroom fixtures, tableware, ceramic ornaments and crafts within many other ceramic goods.



### RUBBER

Zinc oxide is a critical component that activates and accelerates the vulcanization process of tire manufacturing and rubber compounding. Many characteristics in rubber are attributed to zinc oxide, such as: thermal properties, mold shrinkage, mold cleanliness, tire abrasion and wear resistance, ultraviolet light protection and processability.



### AGRICULTURE

Zinc sulfate is vital to plants, as it is involved in the production of growth hormones and chlorophyll, as well as in the respiration process and synthesis of carbohydrates. Therefore, zinc sulfate is a great product to replenish zinc content of depleted harvest lands which will guarantee the supply of this essential element to crops produced in them..



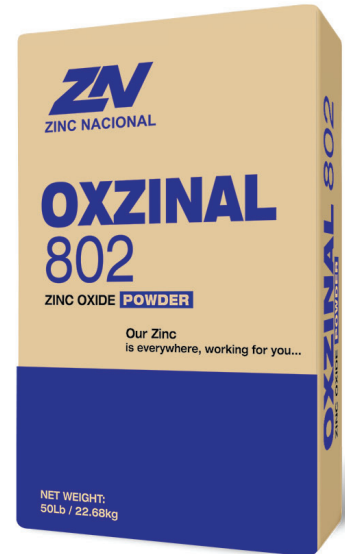
### PAINT

Zinc oxide provides cohesion, fungicidal and anticorrosive properties to paint. Our paint grade zinc oxide whose low reactivity, achieved through its closely controlled surface area, results in improved stability of our customers products.



### ANIMAL NUTRITION

Zinc is an essential micronutrient in animal diet, as it acts as a functional component of several enzyme systems involved with respiration, cellular growth, reproduction, and digestion. Compounds made from this element, such as zinc oxide and zinc sulfate are used as nutritional supplements in animal feed. Some species that benefit from the use of zinc are: beef and dairy cattle, swine, poultry, fish and household pets.



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### LUBRICANTS

Is an important additive in motor oil, general lubricants, resins and oils. The zinc allows for improved adhesion and thermal stability in lubricants.



### CHEMICAL

Zinc oxide functions as a catalyst in many chemical processes. Is used in flame retardants such as zinc borate. Zinc oxide also improves shelf-life, heat stability, tack and adhesion in many adhesives and sealant applications.



### PHARMACEUTICAL

Zinc oxide is a vital ingredient in a number of pharmaceutical applications that touch our lives every day.

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### Typical Chemical Analysis

Purity	99.8 %	Minimum
Zinc (Zn)	80.2 %	Minimum
Lead (Pb)	0.003 %	Maximum
Iron (Fe)	0.003 %	Maximum
Cadmium (Cd)	0.001 %	Maximum
Surface Area	4.0 – 6.0	m <sup>2</sup> /gr
Fineness: Through 325 Mesh Screen	99.98 %	Minimum

#### Packaging:

Bag: 25 kg, 50 lb, 500 kg  
Big Bag: 1000+ kg, 1000+ lb,  
2000+ lb



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