

# Global ZnO Nanoparticles Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global ZnO Nanoparticles market size will reach 360.78 Million USD in 2025 and is projected to reach 599.72 Million USD by 2032, with a CAGR of 7.53% (2025-2032). Notably, the China ZnO Nanoparticles market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

ZnO nanoparticles refer to nanoscale particles of zinc oxide (ZnO), a versatile semiconductor material with a wide range of applications. These nanoparticles typically have diameters ranging from a few nanometers to tens of nanometers, providing unique properties compared to their bulk counterparts. ZnO nanoparticles exhibit excellent optical, electrical, and photocatalytic properties, making them valuable in various fields. In electronics and optoelectronics, ZnO nanoparticles are used in sensors, transistors, light-emitting diodes (LEDs), and solar cells due to their high electron mobility and visible light transparency. In the biomedical field, they are explored for drug delivery systems, imaging agents, and antimicrobial coatings due to their biocompatibility and photoactivity. ZnO nanoparticles also find applications in catalysis, environmental remediation, UV protection in cosmetics, and antibacterial textiles. Their tunable properties and nanoscale dimensions make ZnO nanoparticles promising candidates for next-generation technologies across multiple sectors.

The major global manufacturers of ZnO Nanoparticles include EverZinc, HAKUSUI

TECH, Sakai Chemical, Grillo, Tata Chemicals, Nanophase Technology, BYK, Yuguang Gold & Lead, Shaanxi Sino-Academy Nano-Material, Shandong Xinya New Material, Jiangxi YUAER, Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial, Jiyuan Lutai Nanomaterials, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of ZnO Nanoparticles. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global ZnO Nanoparticles market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the ZnO Nanoparticles market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of ZnO Nanoparticles industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of ZnO Nanoparticles Include:

EverZinc

HAKUSUI TECH

Sakai Chemical

Grillo

Tata Chemicals

Nanophase Technology

BYK

Yuguang Gold & Lead

Shaanxi Sino-Academy Nano-Material

Shandong Xinya New Material

Jiangxi YUAER

Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial

Jiyuan Lutai Nanomaterials

ZnO Nanoparticles Product Segment Include:

Particle Size <math>\leq 40\text{nm}</math>

Particle Size 40-60nm

Particle Size >60nm

ZnO Nanoparticles Product Application Include:

Rubber

Cosmetic

Coating

Textile

Others

## **Chapter Scope**

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global ZnO Nanoparticles Capacity and Production Analysis

Chapter 3: Global ZnO Nanoparticles Industry PESTEL Analysis

Chapter 4: Global ZnO Nanoparticles Industry Porter's Five Forces Analysis

Chapter 5: Global ZnO Nanoparticles Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 6: Global ZnO Nanoparticles Market Size and Forecast by Type and Application Analysis

Chapter 7: North America ZnO Nanoparticles Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: Europe ZnO Nanoparticles Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: China ZnO Nanoparticles Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: APAC (Excl. China) ZnO Nanoparticles Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Latin America ZnO Nanoparticles Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Middle East and Africa ZnO Nanoparticles Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 13: Global ZnO Nanoparticles Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 14: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 15: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 16: Research Findings and Conclusion

Chapter 17: Methodology and Data Sources

## Contents

### **1 ZNO NANOPARTICLES MARKET OVERVIEW**

- 1.1 Product Definition and Statistical Scope
- 1.2 ZnO Nanoparticles Product by Type
  - 1.2.1 Particle Size 60nm
- 1.3 ZnO Nanoparticles Product by Application
  - 1.3.1 Rubber
  - 1.3.2 Cosmetic
  - 1.3.3 Coating
  - 1.3.4 Textile
  - 1.3.5 Others
- 1.4 Global ZnO Nanoparticles Market Revenue and Sales Analysis
  - 1.4.1 Global ZnO Nanoparticles Revenue Market Size Analysis (2020-2032)
  - 1.4.2 Global ZnO Nanoparticles Sales Market Size Analysis (2020-2032)
  - 1.4.3 Global ZnO Nanoparticles Market Sales Price Trend Analysis (2020-2032)
- 1.5 ZnO Nanoparticles Industry Trends and Innovation
  - 1.5.1 ZnO Nanoparticles Industry Trends and Innovation
  - 1.5.2 ZnO Nanoparticles Market Drivers and Challenges

### **2 GLOBAL ZNO NANOPARTICLES CAPACITY AND PRODUCTION ANALYSIS**

- 2.1 Global ZnO Nanoparticles Capacity, Production and Utilization (2020-2032)
- 2.2 Global ZnO Nanoparticles Production Growth Trend by Region: 2024 VS 2025 VS 2030
- 2.3 Global ZnO Nanoparticles Production by Region
  - 2.3.1 Global ZnO Nanoparticles Production by Region (2020-2025)
  - 2.3.2 Global ZnO Nanoparticles Production Forecast by Region (2026-2032)
  - 2.3.3 Global ZnO Nanoparticles Production Market Share by Region (2020-2032)

### **3 ZNO NANOPARTICLES MARKET PESTEL ANALYSIS**

- 3.1 Political Factors Analysis
- 3.2 Economic Factors Analysis
- 3.3 Social Factors Analysis
- 3.4 Technological Factors Analysis
- 3.5 Environmental Factors Analysis
- 3.6 Legal Factors Analysis

## **4 ZNO NANOPARTICLES MARKET PORTER'S FIVE FORCES ANALYSIS**

- 4.1 Competitive Rivalry
- 4.2 Threat of New Entrants
- 4.3 Bargaining Power of Suppliers
- 4.4 Bargaining Power of Buyers
- 4.5 Threat of Substitutes

## **5 GLOBAL ZNO NANOPARTICLES MARKET ANALYSIS BY REGIONS**

- 5.1 ZnO Nanoparticles Overall Market: 2024 VS 2025 VS 2032
- 5.2 Global ZnO Nanoparticles Revenue and Forecast Analysis (2020-2032)
  - 5.2.1 Global ZnO Nanoparticles Revenue and Market Share by Region (2020-2025)
  - 5.2.2 Global ZnO Nanoparticles Revenue and Market Forecast by Region (2026-2032)
- 5.3 Global ZnO Nanoparticles Sales and Forecast Analysis (2020-2032)
  - 5.3.1 Global ZnO Nanoparticles Sales and Market Share by Region (2020-2025)
  - 5.3.2 Global ZnO Nanoparticles Sales and Market Forecast by Region (2026-2032)
- 5.4 Global ZnO Nanoparticles Sales Price Trend Analysis (2020-2032)

## **6 GLOBAL ZNO NANOPARTICLES MARKET SIZE BY TYPE AND APPLICATION**

- 6.1 Global ZnO Nanoparticles Market Size by Type
  - 6.1.1 Global ZnO Nanoparticles Revenue and Forecast Analysis by Type (2020-2032)
  - 6.1.2 Global ZnO Nanoparticles Sales and Forecast Analysis by Type (2020-2032)
- 6.2 Global ZnO Nanoparticles Market Size by Application
  - 6.2.1 Global ZnO Nanoparticles Revenue and Forecast Analysis by Application (2020-2032)
  - 6.2.2 Global ZnO Nanoparticles Sales and Forecast Analysis by Application (2020-2032)

## **7 NORTH AMERICA**

- 7.1 North America ZnO Nanoparticles Market Size and Growth Rate Analysis (2020-2032)
- 7.2 North America Key Manufacturers Analysis
- 7.3 North America ZnO Nanoparticles Market Size by Type
  - 7.3.1 North America ZnO Nanoparticles Sales by Type (2020-2032)
  - 7.3.2 North America ZnO Nanoparticles Revenue by Type (2020-2032)

- 7.4 North America ZnO Nanoparticles Market Size by Application
  - 7.4.1 North America ZnO Nanoparticles Sales by Application (2020-2032)
  - 7.4.2 North America ZnO Nanoparticles Revenue by Application (2020-2032)
- 7.5 North America ZnO Nanoparticles Market Size by Country
  - 7.5.1 US
  - 7.5.2 Canada

## **8 EUROPE**

- 8.1 Europe ZnO Nanoparticles Market Size and Growth Rate Analysis (2020-2032)
- 8.2 Europe Key Manufacturers Analysis
- 8.3 Europe ZnO Nanoparticles Market Size by Type
  - 8.3.1 Europe ZnO Nanoparticles Sales by Type (2020-2032)
  - 8.3.2 Europe ZnO Nanoparticles Revenue by Type (2020-2032)
- 8.4 Europe ZnO Nanoparticles Market Size by Application
  - 8.4.1 Europe ZnO Nanoparticles Sales by Application (2020-2032)
  - 8.4.2 Europe ZnO Nanoparticles Revenue by Application (2020-2032)
- 8.5 Europe ZnO Nanoparticles Market Size by Country
  - 8.5.1 Germany
  - 8.5.2 France
  - 8.5.3 United Kingdom
  - 8.5.4 Italy
  - 8.5.5 Spain
  - 8.5.6 Benelux

## **9 CHINA**

- 9.1 China ZnO Nanoparticles Market Size and Growth Rate Analysis (2020-2032)
- 9.2 China Key Manufacturers Analysis
- 9.3 China ZnO Nanoparticles Market Size by Type
  - 9.3.1 China ZnO Nanoparticles Sales by Type (2020-2032)
  - 9.3.2 China ZnO Nanoparticles Revenue by Type (2020-2032)
- 9.4 China ZnO Nanoparticles Market Size by Application
  - 9.4.1 China ZnO Nanoparticles Sales by Application (2020-2032)
  - 9.4.2 China ZnO Nanoparticles Revenue by Application (2020-2032)

## **10 APAC (EXCL. CHINA)**

- 10.1 APAC (excl. China) ZnO Nanoparticles Market Size and Growth Rate Analysis

(2020-2032)

10.2 APAC (excl. China) Key Manufacturers Analysis

10.3 APAC (excl. China) ZnO Nanoparticles Market Size by Type

10.3.1 APAC (excl. China) ZnO Nanoparticles Sales by Type (2020-2032)

10.3.2 APAC (excl. China) ZnO Nanoparticles Revenue by Type (2020-2032)

10.4 APAC (excl. China) ZnO Nanoparticles Market Size by Application

10.4.1 APAC (excl. China) ZnO Nanoparticles Sales by Application (2020-2032)

10.4.2 APAC (excl. China) ZnO Nanoparticles Revenue by Application (2020-2032)

10.5 APAC (excl. China) ZnO Nanoparticles Market Size by Country

10.5.1 Japan

10.5.2 South Korea

10.5.3 India

10.5.4 Australia

10.5.5 Southeast Asia

## **11 LATIN AMERICA**

11.1 Latin America ZnO Nanoparticles Market Size and Growth Rate Analysis  
(2020-2032)

11.2 Latin America Key Manufacturers Analysis

### **11.3 LATIN AMERICA ZNO NANOPARTICLES MARKET SIZE BY TYPE**

11.3.1 Latin America ZnO Nanoparticles Sales by Type (2020-2032)

11.3.2 Latin America ZnO Nanoparticles Revenue by Type (2020-2032)

11.4 Latin America ZnO Nanoparticles Market Size by Application

11.4.1 Latin America ZnO Nanoparticles Sales by Application (2020-2032)

11.4.2 Latin America ZnO Nanoparticles Revenue by Application (2020-2032)

11.5 Latin America ZnO Nanoparticles Market Size by Country

11.6 Latin America ZnO Nanoparticles Market Size by Country

11.6.1 Mexico

11.6.2 Brazil

## **12 MIDDLE EAST & AFRICA**

12.1 Middle East & Africa ZnO Nanoparticles Market Size and Growth Rate Analysis  
(2020-2032)

12.2 Middle East & Africa Key Manufacturers Analysis

12.3 Middle East & Africa ZnO Nanoparticles Market Size by Type

- 12.3.1 Middle East & Africa ZnO Nanoparticles Sales by Type (2020-2032)
- 12.3.2 Middle East & Africa ZnO Nanoparticles Revenue by Type (2020-2032)
- 12.4 Middle East & Africa ZnO Nanoparticles Market Size by Application
  - 12.4.1 Middle East & Africa ZnO Nanoparticles Sales by Application (2020-2032)
  - 12.4.2 Middle East & Africa ZnO Nanoparticles Revenue by Application (2020-2032)
- 12.5 Middle East ZnO Nanoparticles Market Size by Country
  - 12.5.1 Saudi Arabia
  - 12.5.2 South Africa

## **13 COMPETITION BY MANUFACTURERS**

- 13.1 Global ZnO Nanoparticles Market Sales, Revenue and Price by Key Manufacturers (2021-2025)
  - 13.1.1 Global ZnO Nanoparticles Market Sales by Key Manufacturers (2021-2025)
  - 13.1.2 Global ZnO Nanoparticles Market Revenue by Key Manufacturers (2021-2025)
  - 13.1.3 Global ZnO Nanoparticles Average Sales Price by Manufacturers (2021-2025)
- 13.2 ZnO Nanoparticles Competitive Landscape Analysis and Market Dynamic
  - 13.2.1 ZnO Nanoparticles Competitive Landscape Analysis
  - 13.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales
  - 13.2.3 Market Dynamic

## **14 KEY COMPANIES ANALYSIS**

- 14.1 EverZinc
  - 14.1.1 EverZinc Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 14.1.2 EverZinc ZnO Nanoparticles Product Portfolio
  - 14.1.3 EverZinc ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 14.2 HAKUSUI TECH
  - 14.2.1 HAKUSUI TECH Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 14.2.2 HAKUSUI TECH ZnO Nanoparticles Product Portfolio
  - 14.2.3 HAKUSUI TECH ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 14.3 Sakai Chemical
  - 14.3.1 Sakai Chemical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
  - 14.3.2 Sakai Chemical ZnO Nanoparticles Product Portfolio

14.3.3 Sakai Chemical ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

#### 14.4 Grillo

14.4.1 Grillo Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.4.2 Grillo ZnO Nanoparticles Product Portfolio

14.4.3 Grillo ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

#### 14.5 Tata Chemicals

14.5.1 Tata Chemicals Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.5.2 Tata Chemicals ZnO Nanoparticles Product Portfolio

14.5.3 Tata Chemicals ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

#### 14.6 Nanophase Technology

14.6.1 Nanophase Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.6.2 Nanophase Technology ZnO Nanoparticles Product Portfolio

14.6.3 Nanophase Technology ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

#### 14.7 BYK

14.7.1 BYK Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.7.2 BYK ZnO Nanoparticles Product Portfolio

14.7.3 BYK ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

#### 14.8 Yuguang Gold & Lead

14.8.1 Yuguang Gold & Lead Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.8.2 Yuguang Gold & Lead ZnO Nanoparticles Product Portfolio

14.8.3 Yuguang Gold & Lead ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

#### 14.9 Shaanxi Sino-Academy Nano-Material

14.9.1 Shaanxi Sino-Academy Nano-Material Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.9.2 Shaanxi Sino-Academy Nano-Material ZnO Nanoparticles Product Portfolio

14.9.3 Shaanxi Sino-Academy Nano-Material ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

#### 14.10 Shandong Xinya New Material

14.10.1 Shandong Xinya New Material Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.10.2 Shandong Xinya New Material ZnO Nanoparticles Product Portfolio

14.10.3 Shandong Xinya New Material ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.11 Jiangxi YUAER

14.11.1 Jiangxi YUAER Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.11.2 Jiangxi YUAER ZnO Nanoparticles Product Portfolio

14.11.3 Jiangxi YUAER ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.12 Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial

14.12.1 Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.12.2 Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial ZnO Nanoparticles Product Portfolio

14.12.3 Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14.13 Jiyuan Lutai Nanomaterials

14.13.1 Jiyuan Lutai Nanomaterials Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

14.13.2 Jiyuan Lutai Nanomaterials ZnO Nanoparticles Product Portfolio

14.13.3 Jiyuan Lutai Nanomaterials ZnO Nanoparticles Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

## **15 INDUSTRY CHAIN ANALYSIS**

15.1 ZnO Nanoparticles Industry Chain Analysis

15.2 ZnO Nanoparticles Industry Raw Material and Suppliers Analysis

15.2.1 ZnO Nanoparticles Key Raw Material Supply Analysis

15.2.2 Raw Material Suppliers and Contact Information

15.3 ZnO Nanoparticles Typical Downstream Customers

15.4 ZnO Nanoparticles Sales Channel Analysis

## **16 RESEARCH FINDINGS AND CONCLUSION**

## **17 METHODOLOGY AND DATA SOURCE**

17.1 Methodology/Research Approach

17.2 Research Scope

17.3 Benchmarks and Assumptions

17.4 Date Source

17.4.1 Primary Sources

17.4.2 Secondary Sources

17.5 Data Cross Validation

17.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1: Global ZnO Nanoparticles Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global ZnO Nanoparticles Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: ZnO Nanoparticles Industry Development Status

Table 4: ZnO Nanoparticles Industry Development Trends

Table 5: Global ZnO Nanoparticles Production Growth Rate (CAGR) by Region: 2024 VS 2025 VS 2032 (K Ton)

Table 6: Global ZnO Nanoparticles Production by Region (2020-2025) & (K Ton)

Table 7: Global ZnO Nanoparticles Production Forecast by Region (2026-2032) & (K Ton)

Table 8: Global ZnO Nanoparticles Production Market Share by Region (2020-2025)

Table 9: Global ZnO Nanoparticles Production Market Share by Region (2026-2032)

Table 10: Global ZnO Nanoparticles Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 11: Global ZnO Nanoparticles Revenue by Region (2020-2025) & (US\$ Million)

Table 12: Global ZnO Nanoparticles Revenue Market Share by Region (2020-2025)

Table 13: Global ZnO Nanoparticles Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 14: Global ZnO Nanoparticles Revenue Market Share Forecast by Region (2026-2032)

Table 15: Global ZnO Nanoparticles Sales by Region (2020-2025) & (K Ton)

Table 16: Global ZnO Nanoparticles Sales Market Share by Region (2020-2025)

Table 17: Global ZnO Nanoparticles Sales Forecast by Region (2026-2032) & (K Ton)

Table 18: Global ZnO Nanoparticles Sales Market Share Forecast by Region (2026-2032)

Table 19: Global ZnO Nanoparticles Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 20: Global ZnO Nanoparticles Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 21: Global ZnO Nanoparticles Sales Analysis by Type (2020-2025) & (K Ton)

Table 22: Global ZnO Nanoparticles Sales Analysis Forecast by Type (2026-2032) & (K Ton)

Table 23: Global ZnO Nanoparticles Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 24: Global ZnO Nanoparticles Revenue Analysis Forecast by Application

(2026-2032) & (US\$ Million)

Table 25: Global ZnO Nanoparticles Sales Analysis by Application (2020-2025) & (K Ton)

Table 26: Global ZnO Nanoparticles Sales Analysis Forecast by Application (2026-2032) & (K Ton)

Table 27: Key ZnO Nanoparticles Players in North America

Table 28: North America ZnO Nanoparticles Sales by Type (2020-2025) & (K Ton)

Table 29: North America ZnO Nanoparticles Sales by Type (2026-2032) & (K Ton)

Table 30: North America ZnO Nanoparticles Revenue by Type (2020-2025) & (US\$ Million)

Table 31: North America ZnO Nanoparticles Revenue by Type (2026-2032) & (US\$ Million)

Table 32: North America ZnO Nanoparticles Sales by Application (2020-2025) & (K Ton)

Table 33: North America ZnO Nanoparticles Sales by Application (2026-2032) & (K Ton)

Table 34: North America ZnO Nanoparticles Revenue by Application (2020-2025) & (US\$ Million)

Table 35: North America ZnO Nanoparticles Revenue by Application (2026-2032) & (US\$ Million)

Table 36: North America ZnO Nanoparticles Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 37: North America ZnO Nanoparticles Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 38: North America ZnO Nanoparticles Sales Market Size by Country (2020-2025) & (K Ton)

Table 39: North America ZnO Nanoparticles Sales Market Size by Country (2026-2032) & (K Ton)

Table 40: Key ZnO Nanoparticles Players in Europe

Table 41: Europe ZnO Nanoparticles Sales by Type (2020-2025) & (K Ton)

Table 42: Europe ZnO Nanoparticles Sales by Type (2026-2032) & (K Ton)

Table 43: Europe ZnO Nanoparticles Revenue by Type (2020-2025) & (US\$ Million)

Table 44: Europe ZnO Nanoparticles Revenue by Type (2026-2032) & (US\$ Million)

Table 45: Europe ZnO Nanoparticles Sales by Application (2020-2025) & (K Ton)

Table 46: Europe ZnO Nanoparticles Sales by Application (2026-2032) & (K Ton)

Table 47: Europe ZnO Nanoparticles Revenue by Application (2020-2025) & (US\$ Million)

Table 48: Europe ZnO Nanoparticles Revenue by Application (2026-2032) & (US\$ Million)

Table 49: Europe ZnO Nanoparticles Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 50: Europe ZnO Nanoparticles Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 51: Europe ZnO Nanoparticles Sales Market Size by Country (2020-2025) & (K Ton)

Table 52: Europe ZnO Nanoparticles Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 53: Key ZnO Nanoparticles Players in China

Table 54: China ZnO Nanoparticles Sales by Type (2020-2025) & (K Ton)

Table 55: China ZnO Nanoparticles Sales by Type (2026-2032) & (K Ton)

Table 56: China ZnO Nanoparticles Revenue by Type (2020-2025) & (US\$ Million)

Table 57: China ZnO Nanoparticles Revenue by Type (2026-2032) & (US\$ Million)

Table 58: China ZnO Nanoparticles Sales by Application (2020-2025) & (K Ton)

Table 59: China ZnO Nanoparticles Sales by Application (2026-2032) & (K Ton)

Table 60: China ZnO Nanoparticles Revenue by Application (2020-2025) & (US\$ Million)

Table 61: China ZnO Nanoparticles Revenue by Application (2026-2032) & (US\$ Million)

Table 62: Key ZnO Nanoparticles Players in APAC (excl. China)

Table 63: APAC (excl. China) ZnO Nanoparticles Sales by Type (2020-2025) & (K Ton)

Table 64: APAC (excl. China) ZnO Nanoparticles Sales by Type (2026-2032) & (K Ton)

Table 65: APAC (excl. China) ZnO Nanoparticles Revenue by Type (2020-2025) & (US\$ Million)

Table 66: APAC (excl. China) ZnO Nanoparticles Revenue by Type (2026-2032) & (US\$ Million)

Table 67: APAC (excl. China) ZnO Nanoparticles Sales by Application (2020-2025) & (K Ton)

Table 68: APAC (excl. China) ZnO Nanoparticles Sales by Application (2026-2032) & (K Ton)

Table 69: APAC (excl. China) ZnO Nanoparticles Revenue by Application (2020-2025) & (US\$ Million)

Table 70: APAC (excl. China) ZnO Nanoparticles Revenue by Application (2026-2032) & (US\$ Million)

Table 71: APAC (excl. China) ZnO Nanoparticles Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 72: APAC (excl. China) ZnO Nanoparticles Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 73: APAC (excl. China) ZnO Nanoparticles Sales Market Size by Country

(2020-2025) & (K Ton)

Table 74: APAC (excl. China) ZnO Nanoparticles Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 75: Key ZnO Nanoparticles Players in Latin America

Table 76: Latin America ZnO Nanoparticles Sales by Type (2020-2025) & (K Ton)

Table 77: Latin America ZnO Nanoparticles Sales by Type (2026-2032) & (K Ton)

Table 78: Latin America ZnO Nanoparticles Revenue by Type (2020-2025) & (US\$ Million)

Table 79: Latin America ZnO Nanoparticles Revenue by Type (2026-2032) & (US\$ Million)

Table 80: Latin America ZnO Nanoparticles Sales by Application (2020-2025) & (K Ton)

Table 81: Latin America ZnO Nanoparticles Sales by Application (2026-2032) & (K Ton)

Table 82: Latin America ZnO Nanoparticles Revenue by Application (2020-2025) & (US\$ Million)

Table 83: Latin America ZnO Nanoparticles Revenue by Application (2026-2032) & (US\$ Million)

Table 84: Latin America ZnO Nanoparticles Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 85: Latin America ZnO Nanoparticles Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 86: Latin America ZnO Nanoparticles Sales Market Size by Country (2020-2025) & (K Ton)

Table 87: Latin America ZnO Nanoparticles Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 88: Key ZnO Nanoparticles Players in Middle East & Africa

Table 89: Middle East & Africa ZnO Nanoparticles Sales by Type (2020-2025) & (K Ton)

Table 90: Middle East & Africa ZnO Nanoparticles Sales by Type (2026-2032) & (K Ton)

Table 91: Middle East & Africa ZnO Nanoparticles Revenue by Type (2020-2025) & (US\$ Million)

Table 92: Middle East & Africa ZnO Nanoparticles Revenue by Type (2026-2032) & (US\$ Million)

Table 93: Middle East & Africa ZnO Nanoparticles Sales by Application (2020-2025) & (K Ton)

Table 94: Middle East & Africa ZnO Nanoparticles Sales by Application (2026-2032) & (K Ton)

Table 95: Middle East & Africa ZnO Nanoparticles Revenue by Application (2020-2025) & (US\$ Million)

Table 96: Middle East & Africa ZnO Nanoparticles Revenue by Application (2026-2032) & (US\$ Million)

Table 97: Middle East & Africa ZnO Nanoparticles Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 98: Middle East & Africa ZnO Nanoparticles Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 99: Middle East & Africa ZnO Nanoparticles Sales Market Size by Country (2020-2025) & (K Ton)

Table 100: Middle East & Africa ZnO Nanoparticles Sales Market Size Forecast by Country (2026-2032) & (K Ton)

Table 101: Global ZnO Nanoparticles Market Sales by Key Manufacturers (2021-2025) & (K Ton)

Table 102: Global ZnO Nanoparticles Sales Market Share by Key Manufacturers (2021-2025)

Table 103: Global ZnO Nanoparticles Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)

Table 104: Global ZnO Nanoparticles Revenue Market Share by Key Manufacturers (2021-2025)

Table 105: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Kg)

Table 106: Global Key Manufacturers Headquarter Location and Key Area Sales

Table 107: Market Mergers & Acquisitions, Expansion

Table 108: EverZinc Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 109: EverZinc ZnO Nanoparticles Product Portfolio

Table 110: EverZinc ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 111: HAKUSUI TECH Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 112: HAKUSUI TECH ZnO Nanoparticles Product Portfolio

Table 113: HAKUSUI TECH ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 114: Sakai Chemical Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 115: Sakai Chemical ZnO Nanoparticles Product Portfolio

Table 116: Sakai Chemical ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 117: Grillo Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 118: Grillo ZnO Nanoparticles Product Portfolio

Table 119: Grillo ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 120: Tata Chemicals Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 121: Tata Chemicals ZnO Nanoparticles Product Portfolio

Table 122: Tata Chemicals ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 123: Nanophase Technology Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 124: Nanophase Technology ZnO Nanoparticles Product Portfolio

Table 125: Nanophase Technology ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 126: BYK Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 127: BYK ZnO Nanoparticles Product Portfolio

Table 128: BYK ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 129: Yuguang Gold & Lead Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 130: Yuguang Gold & Lead ZnO Nanoparticles Product Portfolio

Table 131: Yuguang Gold & Lead ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 132: Shaanxi Sino-Academy Nano-Material Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 133: Shaanxi Sino-Academy Nano-Material ZnO Nanoparticles Product Portfolio

Table 134: Shaanxi Sino-Academy Nano-Material ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 135: Shandong Xinya New Material Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 136: Shandong Xinya New Material ZnO Nanoparticles Product Portfolio

Table 137: Shandong Xinya New Material ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 138: Jiangxi YUAER Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 139: Jiangxi YUAER ZnO Nanoparticles Product Portfolio

Table 140: Jiangxi YUAER ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 141: Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 142: Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial ZnO Nanoparticles Product Portfolio

Table 143: Lanzhou Yellow River Institute of Zinc and Magnesium Nanomaterial ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 144: Jiyuan Lutai Nanomaterials Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 145: Jiyuan Lutai Nanomaterials ZnO Nanoparticles Product Portfolio

Table 146: Jiyuan Lutai Nanomaterials ZnO Nanoparticles Revenue (US\$ Million), Sales (K Ton), Price (USD/Kg), Gross Margin and Market Share (2021-2025)

Table 147: Upstream Key Raw Material Price List

Table 148: ZnO Nanoparticles Raw Material Suppliers and Contact Information

Table 149: ZnO Nanoparticles Typical Customer List

Table 150: ZnO Nanoparticles Distributors List

## List Of Figures

### LIST OF FIGURES

Figure 1: ZnO Nanoparticles Product Pictures

Figure 2: Particle Size 60nm Picture Scope

Figure 5: Rubber Picture Scope

Figure 6: Cosmetic Picture Scope

Figure 7: Coating Picture Scope

Figure 8: Textile Picture Scope

Figure 9: Others Picture Scope

Figure 10: Global ZnO Nanoparticles Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 11: Global ZnO Nanoparticles Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 12: Global ZnO Nanoparticles Market Sales and Growth Rate Analysis (2020-2032) & (K Ton)

Figure 13: Global ZnO Nanoparticles Market Price Trend Analysis (2020-2032) & (USD/Kg)

Figure 14: Global ZnO Nanoparticles Capacity, Production and Utilization (2019-2030) & (K Ton)

Figure 15: Global ZnO Nanoparticles Production by Region: 2023 VS 2024 VS 2030 (K Ton)

Figure 16: Global ZnO Nanoparticles Production Market Share by Region in Percentage: 2024 Versus 2030

Figure 17: Global ZnO Nanoparticles Production Market Share by Region (2019-2030)

Figure 18: Global ZnO Nanoparticles Market Size by Region (2020-2032) & (US\$ Million)

Figure 19: Global ZnO Nanoparticles Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 20: Global ZnO Nanoparticles Sales Price by Region (2020-2032) & (K Ton)

Figure 21: North America ZnO Nanoparticles Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 22: North America ZnO Nanoparticles Revenue Market Share by Players in 2024

Figure 23: North America ZnO Nanoparticles Sales Market Share by Type (2020-2032)

Figure 24: North America ZnO Nanoparticles Revenue Market Share by Type (2020-2032)

Figure 25: North America ZnO Nanoparticles Sales Market Share by Application (2020-2032)

Figure 26:North America ZnO Nanoparticles Revenue Market Share by Application (2020-2032)

Figure 27:US ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 28:Canada ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 29:Europe ZnO Nanoparticles Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 30:Europe ZnO Nanoparticles Revenue Market Share by Players in 2024

Figure 31:Europe ZnO Nanoparticles Sales Market Share by Type (2020-2032)

Figure 32:Europe ZnO Nanoparticles Revenue Market Share by Type (2020-2032)

Figure 33:Europe ZnO Nanoparticles Sales Market Share by Application (2020-2032)

Figure 34:Europe ZnO Nanoparticles Revenue Market Share by Application (2020-2032)

Figure 35:Germany ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 36:France ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 37:United Kingdom ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 38:Italy ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 39:Spain ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 40:Benelux ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 41:China ZnO Nanoparticles Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 42:China ZnO Nanoparticles Revenue Market Share by Players in 2024

Figure 43:China ZnO Nanoparticles Sales Market Share by Type (2020-2032)

Figure 44:China ZnO Nanoparticles Revenue Market Share by Type (2020-2032)

Figure 45:China ZnO Nanoparticles Sales Market Share by Application (2020-2032)

Figure 46:China ZnO Nanoparticles Revenue Market Share by Application (2020-2032)

Figure 47:APAC (excl. China) ZnO Nanoparticles Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 48:APAC (excl. China) ZnO Nanoparticles Revenue Market Share by Players in 2024

Figure 49:APAC (excl. China) ZnO Nanoparticles Sales Market Share by Type (2020-2032)

Figure 50:APAC (excl. China) ZnO Nanoparticles Revenue Market Share by Type (2020-2032)

Figure 51:APAC (excl. China) ZnO Nanoparticles Sales Market Share by Application (2020-2032)

Figure 52:APAC (excl. China) ZnO Nanoparticles Revenue Market Share by Application (2020-2032)

Figure 53:Japan ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

Figure 54:South Korea ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)

- Figure 55:India ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)
- Figure 56:Australia ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)
- Figure 57:Southeast Asia ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)
- Figure 58:Latin America ZnO Nanoparticles Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 59:Latin America ZnO Nanoparticles Revenue Market Share by Players in 2024
- Figure 60:Latin America ZnO Nanoparticles Sales Market Share by Type (2020-2032)
- Figure 61:Latin America ZnO Nanoparticles Revenue Market Share by Type (2020-2032)
- Figure 62:Latin America ZnO Nanoparticles Sales Market Share by Application (2020-2032)
- Figure 63:Latin America ZnO Nanoparticles Revenue Market Share by Application (2020-2032)
- Figure 64:Mexico ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)
- Figure 65:Brazil ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)
- Figure 66:Middle East & Africa ZnO Nanoparticles Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 67:Middle East & Africa ZnO Nanoparticles Revenue Market Share by Players in 2024
- Figure 68:Middle East & Africa ZnO Nanoparticles Sales Market Share by Type (2020-2032)
- Figure 69:Middle East & Africa ZnO Nanoparticles Revenue Market Share by Type (2020-2032)
- Figure 70:Middle East & Africa ZnO Nanoparticles Sales Market Share by Application (2020-2032)
- Figure 71:Middle East & Africa ZnO Nanoparticles Revenue Market Share by Application (2020-2032)
- Figure 72:Saudi Arabia ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)
- Figure 73:South Africa ZnO Nanoparticles Revenue (2020-2032) & (US\$ Million)
- Figure 74:Global ZnO Nanoparticles Sales Market Share by Key Manufacturers in 2024
- Figure 75:Global ZnO Nanoparticles Revenue Market Share by Key Manufacturers in 2024
- Figure 76:Global ZnO Nanoparticles Industry Competition Landscape
- Figure 77:ZnO Nanoparticles Industry Chain Analysis
- Figure 78:Bottom-Up and Top-Down Research Methods
- Figure 79:Key Interview Objectives
- Figure 80:Data Cross Validation

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