

# Global Boron Oxide Nanoparticle Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/GFA4D2F650C6EN.html>

Date: March 2026

Pages: 141

Price: US\$ 2,980.00 (Single User License)

ID: GFA4D2F650C6EN

## Abstracts

An extremely fine white powder composed of boron oxide nanoparticles smaller than 80nm in diameter. Boron oxide nanoparticles offer many of the same properties as boron oxide at larger scales, with a few differences due to the unique interactions which occur at such scales. This makes this nanomaterial of use in many of the same fields that utilize larger particles and a few unique to it.

The global Boron Oxide Nanoparticle market size was estimated at USD 52.8 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 6.30% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Boron Oxide Nanoparticle market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Boron Oxide Nanoparticle market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Boron Oxide Nanoparticle market.

## **Global Boron Oxide Nanoparticle Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

SkySpring Nanomaterials, Inc.  
Nanoshel  
Nanochemazone  
Nanomaterial Powder  
Okandan Cam Sanayi Chemical Co  
Nanografi Nano Technology  
Saveer Matrix Nano Pvt. Ltd  
Hongwu International Group Co., Ltd  
Zhengzhou City Mantanghong Abrasives Co., Ltd.  
Yunnan Titan Advanced Materials Co  
Jinmei Gallium

### **Market Segmentation (by Type)**

98%-99%  
99%-99.9%  
Greater than 99.9%  
Others

## **Market Segmentation (by Application)**

Glass  
Ceramics  
Metallurgy  
Others

## **Geographic Segmentation**

North America (USA, Canada, Mexico)  
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)  
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)  
South America (Brazil, Argentina, Columbia, Rest of South America)  
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

## **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study  
Neutral perspective on the market performance  
Recent industry trends and developments  
Competitive landscape & strategies of key players  
Potential & niche segments and regions exhibiting promising growth covered  
Historical, current, and projected market size, in terms of value  
In-depth analysis of the Boron Oxide Nanoparticle Market  
Overview of the regional outlook of the Boron Oxide Nanoparticle Market:

## **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product

type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Boron Oxide Nanoparticle Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Boron Oxide Nanoparticle, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### **Customization of the Report**

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## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

1.1 Market Definition and Statistical Scope of Boron Oxide Nanoparticle

1.2 Key Market Segments

1.2.1 Boron Oxide Nanoparticle Segment by Type

1.2.2 Boron Oxide Nanoparticle Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

### **2 BORON OXIDE NANOPARTICLE MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Boron Oxide Nanoparticle Market Size (M USD) Estimates and Forecasts (2020-2035)

2.1.2 Global Boron Oxide Nanoparticle Sales Estimates and Forecasts (2020-2035)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 BORON OXIDE NANOPARTICLE MARKET COMPETITIVE LANDSCAPE**

3.1 Company Assessment Quadrant

3.2 Global Boron Oxide Nanoparticle Product Life Cycle

3.3 Global Boron Oxide Nanoparticle Sales by Manufacturers (2020-2025)

3.4 Global Boron Oxide Nanoparticle Revenue Market Share by Manufacturers (2020-2025)

3.5 Boron Oxide Nanoparticle Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Boron Oxide Nanoparticle Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Boron Oxide Nanoparticle Market Competitive Situation and Trends

3.8.1 Boron Oxide Nanoparticle Market Concentration Rate

3.8.2 Global 5 and 10 Largest Boron Oxide Nanoparticle Players Market Share by Revenue

### 3.8.3 Mergers & Acquisitions, Expansion

## **4 BORON OXIDE NANOPARTICLE INDUSTRY CHAIN ANALYSIS**

### 4.1 Boron Oxide Nanoparticle Industry Chain Analysis

### 4.2 Market Overview of Key Raw Materials

### 4.3 Midstream Market Analysis

### 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF BORON OXIDE NANOPARTICLE MARKET**

### 5.1 Key Development Trends

### 5.2 Driving Factors

### 5.3 Market Challenges

### 5.4 Industry News

#### 5.4.1 New Product Developments

#### 5.4.2 Mergers & Acquisitions

#### 5.4.3 Expansions

#### 5.4.4 Collaboration/Supply Contracts

### 5.5 PEST Analysis

#### 5.5.1 Industry Policies Analysis

#### 5.5.2 Economic Environment Analysis

#### 5.5.3 Social Environment Analysis

#### 5.5.4 Technological Environment Analysis

### 5.6 Global Boron Oxide Nanoparticle Market Porter's Five Forces Analysis

#### 5.6.1 Global Trade Frictions

#### 5.6.2 U.S. Tariff Policy ? April 2025

#### 5.6.3 Global Trade Frictions and Their Impacts to Boron Oxide Nanoparticle Market

### 5.7 ESG Ratings of Leading Companies

## **6 BORON OXIDE NANOPARTICLE MARKET SEGMENTATION BY TYPE**

### 6.1 Evaluation Matrix of Segment Market Development Potential (Type)

### 6.2 Global Boron Oxide Nanoparticle Sales Market Share by Type (2020-2025)

### 6.3 Global Boron Oxide Nanoparticle Market Size by Type (2020-2025)

### 6.4 Global Boron Oxide Nanoparticle Price by Type (2020-2025)

## **7 BORON OXIDE NANOPARTICLE MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Boron Oxide Nanoparticle Market Sales by Application (2020-2025)
- 7.3 Global Boron Oxide Nanoparticle Market Size (M USD) by Application (2020-2025)
- 7.4 Global Boron Oxide Nanoparticle Sales Growth Rate by Application (2020-2025)

## **8 BORON OXIDE NANOPARTICLE MARKET SALES BY REGION**

- 8.1 Global Boron Oxide Nanoparticle Sales by Region
  - 8.1.1 Global Boron Oxide Nanoparticle Sales by Region
  - 8.1.2 Global Boron Oxide Nanoparticle Sales Market Share by Region
- 8.2 Global Boron Oxide Nanoparticle Market Size by Region
  - 8.2.1 Global Boron Oxide Nanoparticle Market Size by Region
  - 8.2.2 Global Boron Oxide Nanoparticle Market Size by Region
- 8.3 North America
  - 8.3.1 North America Boron Oxide Nanoparticle Sales by Country
  - 8.3.2 North America Boron Oxide Nanoparticle Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Boron Oxide Nanoparticle Sales by Country
  - 8.4.2 Europe Boron Oxide Nanoparticle Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview
  - 8.4.5 U.K. Market Overview
  - 8.4.6 Italy Market Overview
  - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Boron Oxide Nanoparticle Sales by Region
  - 8.5.2 Asia Pacific Boron Oxide Nanoparticle Market Size by Region
  - 8.5.3 China Market Overview
  - 8.5.4 Japan Market Overview
  - 8.5.5 South Korea Market Overview
  - 8.5.6 India Market Overview
  - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Boron Oxide Nanoparticle Sales by Country
  - 8.6.2 South America Boron Oxide Nanoparticle Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Boron Oxide Nanoparticle Sales by Region

8.7.2 Middle East and Africa Boron Oxide Nanoparticle Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

## **9 BORON OXIDE NANOPARTICLE MARKET PRODUCTION BY REGION**

9.1 Global Production of Boron Oxide Nanoparticle by Region(2020-2025)

9.2 Global Boron Oxide Nanoparticle Revenue Market Share by Region (2020-2025)

9.3 Global Boron Oxide Nanoparticle Production, Revenue, Price and Gross Margin (2020-2025)

9.4 North America Boron Oxide Nanoparticle Production

9.4.1 North America Boron Oxide Nanoparticle Production Growth Rate (2020-2025)

9.4.2 North America Boron Oxide Nanoparticle Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Boron Oxide Nanoparticle Production

9.5.1 Europe Boron Oxide Nanoparticle Production Growth Rate (2020-2025)

9.5.2 Europe Boron Oxide Nanoparticle Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Boron Oxide Nanoparticle Production (2020-2025)

9.6.1 Japan Boron Oxide Nanoparticle Production Growth Rate (2020-2025)

9.6.2 Japan Boron Oxide Nanoparticle Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Boron Oxide Nanoparticle Production (2020-2025)

9.7.1 China Boron Oxide Nanoparticle Production Growth Rate (2020-2025)

9.7.2 China Boron Oxide Nanoparticle Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

10.1 SkySpring Nanomaterials, Inc.

10.1.1 SkySpring Nanomaterials, Inc. Basic Information

- 10.1.2 SkySpring Nanomaterials, Inc. Boron Oxide Nanoparticle Product Overview
- 10.1.3 SkySpring Nanomaterials, Inc. Boron Oxide Nanoparticle Product Market Performance
- 10.1.4 SkySpring Nanomaterials, Inc. Business Overview
- 10.1.5 SkySpring Nanomaterials, Inc. SWOT Analysis
- 10.1.6 SkySpring Nanomaterials, Inc. Recent Developments
- 10.2 Nanoshel
  - 10.2.1 Nanoshel Basic Information
  - 10.2.2 Nanoshel Boron Oxide Nanoparticle Product Overview
  - 10.2.3 Nanoshel Boron Oxide Nanoparticle Product Market Performance
  - 10.2.4 Nanoshel Business Overview
  - 10.2.5 Nanoshel SWOT Analysis
  - 10.2.6 Nanoshel Recent Developments
- 10.3 Nanochemazone
  - 10.3.1 Nanochemazone Basic Information
  - 10.3.2 Nanochemazone Boron Oxide Nanoparticle Product Overview
  - 10.3.3 Nanochemazone Boron Oxide Nanoparticle Product Market Performance
  - 10.3.4 Nanochemazone Business Overview
  - 10.3.5 Nanochemazone SWOT Analysis
  - 10.3.6 Nanochemazone Recent Developments
- 10.4 Nanomaterial Powder
  - 10.4.1 Nanomaterial Powder Basic Information
  - 10.4.2 Nanomaterial Powder Boron Oxide Nanoparticle Product Overview
  - 10.4.3 Nanomaterial Powder Boron Oxide Nanoparticle Product Market Performance
  - 10.4.4 Nanomaterial Powder Business Overview
  - 10.4.5 Nanomaterial Powder Recent Developments
- 10.5 Okandan Cam Sanayi Chemical Co
  - 10.5.1 Okandan Cam Sanayi Chemical Co Basic Information
  - 10.5.2 Okandan Cam Sanayi Chemical Co Boron Oxide Nanoparticle Product Overview
  - 10.5.3 Okandan Cam Sanayi Chemical Co Boron Oxide Nanoparticle Product Market Performance
  - 10.5.4 Okandan Cam Sanayi Chemical Co Business Overview
  - 10.5.5 Okandan Cam Sanayi Chemical Co Recent Developments
- 10.6 Nanografi Nano Technology
  - 10.6.1 Nanografi Nano Technology Basic Information
  - 10.6.2 Nanografi Nano Technology Boron Oxide Nanoparticle Product Overview
  - 10.6.3 Nanografi Nano Technology Boron Oxide Nanoparticle Product Market Performance

- 10.6.4 Nanografi Nano Technology Business Overview
- 10.6.5 Nanografi Nano Technology Recent Developments
- 10.7 Saveer Matrix Nano Pvt. Ltd
  - 10.7.1 Saveer Matrix Nano Pvt. Ltd Basic Information
  - 10.7.2 Saveer Matrix Nano Pvt. Ltd Boron Oxide Nanoparticle Product Overview
  - 10.7.3 Saveer Matrix Nano Pvt. Ltd Boron Oxide Nanoparticle Product Market Performance
  - 10.7.4 Saveer Matrix Nano Pvt. Ltd Business Overview
  - 10.7.5 Saveer Matrix Nano Pvt. Ltd Recent Developments
- 10.8 Hongwu International Group Co., Ltd
  - 10.8.1 Hongwu International Group Co., Ltd Basic Information
  - 10.8.2 Hongwu International Group Co., Ltd Boron Oxide Nanoparticle Product Overview
  - 10.8.3 Hongwu International Group Co., Ltd Boron Oxide Nanoparticle Product Market Performance
  - 10.8.4 Hongwu International Group Co., Ltd Business Overview
  - 10.8.5 Hongwu International Group Co., Ltd Recent Developments
- 10.9 Zhengzhou City Mantanghong Abrasives Co., Ltd.
  - 10.9.1 Zhengzhou City Mantanghong Abrasives Co., Ltd. Basic Information
  - 10.9.2 Zhengzhou City Mantanghong Abrasives Co., Ltd. Boron Oxide Nanoparticle Product Overview
  - 10.9.3 Zhengzhou City Mantanghong Abrasives Co., Ltd. Boron Oxide Nanoparticle Product Market Performance
  - 10.9.4 Zhengzhou City Mantanghong Abrasives Co., Ltd. Business Overview
  - 10.9.5 Zhengzhou City Mantanghong Abrasives Co., Ltd. Recent Developments
- 10.10 Yunnan Titan Advanced Materials Co
  - 10.10.1 Yunnan Titan Advanced Materials Co Basic Information
  - 10.10.2 Yunnan Titan Advanced Materials Co Boron Oxide Nanoparticle Product Overview
  - 10.10.3 Yunnan Titan Advanced Materials Co Boron Oxide Nanoparticle Product Market Performance
  - 10.10.4 Yunnan Titan Advanced Materials Co Business Overview
  - 10.10.5 Yunnan Titan Advanced Materials Co Recent Developments
- 10.11 Jinmei Gallium
  - 10.11.1 Jinmei Gallium Basic Information
  - 10.11.2 Jinmei Gallium Boron Oxide Nanoparticle Product Overview
  - 10.11.3 Jinmei Gallium Boron Oxide Nanoparticle Product Market Performance
  - 10.11.4 Jinmei Gallium Business Overview
  - 10.11.5 Jinmei Gallium Recent Developments

## **11 BORON OXIDE NANOPARTICLE MARKET FORECAST BY REGION**

11.1 Global Boron Oxide Nanoparticle Market Size Forecast

11.2 Global Boron Oxide Nanoparticle Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Boron Oxide Nanoparticle Market Size Forecast by Country

11.2.3 Asia Pacific Boron Oxide Nanoparticle Market Size Forecast by Region

11.2.4 South America Boron Oxide Nanoparticle Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Boron Oxide Nanoparticle by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

12.1 Global Boron Oxide Nanoparticle Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Boron Oxide Nanoparticle by Type (2026-2035)

12.1.2 Global Boron Oxide Nanoparticle Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Boron Oxide Nanoparticle by Type (2026-2035)

12.2 Global Boron Oxide Nanoparticle Market Forecast by Application (2026-2035)

12.2.1 Global Boron Oxide Nanoparticle Sales (K MT) Forecast by Application

12.2.2 Global Boron Oxide Nanoparticle Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Boron Oxide Nanoparticle Market Size by Type (M USD)

Table 4. Global Boron Oxide Nanoparticle Market Size by Application

Table 5. Boron Oxide Nanoparticle Market Size Comparison by Region (M USD)

Table 6. Global Boron Oxide Nanoparticle Sales (K MT) by Manufacturers (2020-2025)

Table 7. Global Boron Oxide Nanoparticle Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Boron Oxide Nanoparticle Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Boron Oxide Nanoparticle Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Boron Oxide Nanoparticle as of 2025)

Table 11. Global Market Boron Oxide Nanoparticle Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Boron Oxide Nanoparticle Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Boron Oxide Nanoparticle Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Boron Oxide Nanoparticle Sales by Type (K MT)

Table 27. Global Boron Oxide Nanoparticle Market Size by Type (M USD)

Table 28. Global Boron Oxide Nanoparticle Sales (K MT) by Type (2020-2025)

- Table 29. Global Boron Oxide Nanoparticle Sales Market Share by Type (2020-2025)
- Table 30. Global Boron Oxide Nanoparticle Market Size (M USD) by Type (2020-2025)
- Table 31. Global Boron Oxide Nanoparticle Market Share by Type (2020-2025)
- Table 32. Global Boron Oxide Nanoparticle Price (USD/KG) by Type (2020-2025)
- Table 33. Global Boron Oxide Nanoparticle Sales (K MT) by Application
- Table 34. Global Boron Oxide Nanoparticle Market Size by Application
- Table 35. Global Boron Oxide Nanoparticle Sales by Application (2020-2025) & (K MT)
- Table 36. Global Boron Oxide Nanoparticle Sales Market Share by Application (2020-2025)
- Table 37. Global Boron Oxide Nanoparticle Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Boron Oxide Nanoparticle Market Share by Application (2020-2025)
- Table 39. Global Boron Oxide Nanoparticle Sales Growth Rate by Application (2020-2025)
- Table 40. Global Boron Oxide Nanoparticle Sales by Region (2020-2025) & (K MT)
- Table 41. Global Boron Oxide Nanoparticle Sales Market Share by Region (2020-2025)
- Table 42. Global Boron Oxide Nanoparticle Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Boron Oxide Nanoparticle Market Size by Region (2020-2025)
- Table 44. North America Boron Oxide Nanoparticle Sales by Country (2020-2025) & (K MT)
- Table 45. North America Boron Oxide Nanoparticle Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Boron Oxide Nanoparticle Sales by Country (2020-2025) & (K MT)
- Table 47. Europe Boron Oxide Nanoparticle Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Boron Oxide Nanoparticle Sales by Region (2020-2025) & (K MT)
- Table 49. Asia Pacific Boron Oxide Nanoparticle Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Boron Oxide Nanoparticle Sales by Country (2020-2025) & (K MT)
- Table 51. South America Boron Oxide Nanoparticle Market Size by Country (2020-2025) & (M USD)
- Table 52. Middle East and Africa Boron Oxide Nanoparticle Sales by Region (2020-2025) & (K MT)
- Table 53. Middle East and Africa Boron Oxide Nanoparticle Market Size by Region (2020-2025) & (M USD)
- Table 54. Global Boron Oxide Nanoparticle Production (K MT) by Region(2020-2025)
- Table 55. Global Boron Oxide Nanoparticle Revenue (US\$ Million) by Region

(2020-2025)

Table 56. Global Boron Oxide Nanoparticle Revenue Market Share by Region

(2020-2025)

Table 57. Global Boron Oxide Nanoparticle Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. North America Boron Oxide Nanoparticle Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Europe Boron Oxide Nanoparticle Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. Japan Boron Oxide Nanoparticle Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. China Boron Oxide Nanoparticle Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 62. SkySpring Nanomaterials, Inc. Basic Information

Table 63. SkySpring Nanomaterials, Inc. Boron Oxide Nanoparticle Product Overview

Table 64. SkySpring Nanomaterials, Inc. Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 65. SkySpring Nanomaterials, Inc. Business Overview

Table 66. SkySpring Nanomaterials, Inc. SWOT Analysis

Table 67. SkySpring Nanomaterials, Inc. Recent Developments

Table 68. Nanoshel Basic Information

Table 69. Nanoshel Boron Oxide Nanoparticle Product Overview

Table 70. Nanoshel Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 71. Nanoshel Business Overview

Table 72. Nanoshel SWOT Analysis

Table 73. Nanoshel Recent Developments

Table 74. Nanochemazone Basic Information

Table 75. Nanochemazone Boron Oxide Nanoparticle Product Overview

Table 76. Nanochemazone Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 77. Nanochemazone Business Overview

Table 78. Nanochemazone SWOT Analysis

Table 79. Nanochemazone Recent Developments

Table 80. Nanomaterial Powder Basic Information

Table 81. Nanomaterial Powder Boron Oxide Nanoparticle Product Overview

Table 82. Nanomaterial Powder Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 83. Nanomaterial Powder Business Overview

- Table 84. Nanomaterial Powder Recent Developments
- Table 85. Okandan Cam Sanayi Chemical Co Basic Information
- Table 86. Okandan Cam Sanayi Chemical Co Boron Oxide Nanoparticle Product Overview
- Table 87. Okandan Cam Sanayi Chemical Co Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 88. Okandan Cam Sanayi Chemical Co Business Overview
- Table 89. Okandan Cam Sanayi Chemical Co Recent Developments
- Table 90. Nanografi Nano Technology Basic Information
- Table 91. Nanografi Nano Technology Boron Oxide Nanoparticle Product Overview
- Table 92. Nanografi Nano Technology Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 93. Nanografi Nano Technology Business Overview
- Table 94. Nanografi Nano Technology Recent Developments
- Table 95. Saveer Matrix Nano Pvt. Ltd Basic Information
- Table 96. Saveer Matrix Nano Pvt. Ltd Boron Oxide Nanoparticle Product Overview
- Table 97. Saveer Matrix Nano Pvt. Ltd Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 98. Saveer Matrix Nano Pvt. Ltd Business Overview
- Table 99. Saveer Matrix Nano Pvt. Ltd Recent Developments
- Table 100. Hongwu International Group Co., Ltd Basic Information
- Table 101. Hongwu International Group Co., Ltd Boron Oxide Nanoparticle Product Overview
- Table 102. Hongwu International Group Co., Ltd Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 103. Hongwu International Group Co., Ltd Business Overview
- Table 104. Hongwu International Group Co., Ltd Recent Developments
- Table 105. Zhengzhou City Mantanghong Abrasives Co., Ltd. Basic Information
- Table 106. Zhengzhou City Mantanghong Abrasives Co., Ltd. Boron Oxide Nanoparticle Product Overview
- Table 107. Zhengzhou City Mantanghong Abrasives Co., Ltd. Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 108. Zhengzhou City Mantanghong Abrasives Co., Ltd. Business Overview
- Table 109. Zhengzhou City Mantanghong Abrasives Co., Ltd. Recent Developments
- Table 110. Yunnan Titan Advanced Materials Co Basic Information
- Table 111. Yunnan Titan Advanced Materials Co Boron Oxide Nanoparticle Product Overview
- Table 112. Yunnan Titan Advanced Materials Co Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

- Table 113. Yunnan Titan Advanced Materials Co Business Overview
- Table 114. Yunnan Titan Advanced Materials Co Recent Developments
- Table 115. Jinmei Gallium Basic Information
- Table 116. Jinmei Gallium Boron Oxide Nanoparticle Product Overview
- Table 117. Jinmei Gallium Boron Oxide Nanoparticle Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 118. Jinmei Gallium Business Overview
- Table 119. Jinmei Gallium Recent Developments
- Table 120. Global Boron Oxide Nanoparticle Sales Forecast by Region (2026-2035) & (K MT)
- Table 121. Global Boron Oxide Nanoparticle Market Size Forecast by Region (2026-2035) & (M USD)
- Table 122. North America Boron Oxide Nanoparticle Sales Forecast by Country (2026-2035) & (K MT)
- Table 123. North America Boron Oxide Nanoparticle Market Size Forecast by Country (2026-2035) & (M USD)
- Table 124. Europe Boron Oxide Nanoparticle Sales Forecast by Country (2026-2035) & (K MT)
- Table 125. Europe Boron Oxide Nanoparticle Market Size Forecast by Country (2026-2035) & (M USD)
- Table 126. Asia Pacific Boron Oxide Nanoparticle Sales Forecast by Region (2026-2035) & (K MT)
- Table 127. Asia Pacific Boron Oxide Nanoparticle Market Size Forecast by Region (2026-2035) & (M USD)
- Table 128. South America Boron Oxide Nanoparticle Sales Forecast by Country (2026-2035) & (K MT)
- Table 129. South America Boron Oxide Nanoparticle Market Size Forecast by Country (2026-2035) & (M USD)
- Table 130. Middle East and Africa Boron Oxide Nanoparticle Sales Forecast by Country (2026-2035) & (Units)
- Table 131. Middle East and Africa Boron Oxide Nanoparticle Market Size Forecast by Country (2026-2035) & (M USD)
- Table 132. Global Boron Oxide Nanoparticle Sales Forecast by Type (2026-2035) & (K MT)
- Table 133. Global Boron Oxide Nanoparticle Market Size Forecast by Type (2026-2035) & (M USD)
- Table 134. Global Boron Oxide Nanoparticle Price Forecast by Type (2026-2035) & (USD/KG)
- Table 135. Global Boron Oxide Nanoparticle Sales (K MT) Forecast by Application

(2026-2035)

Table 136. Global Boron Oxide Nanoparticle Market Size Forecast by Application  
(2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Boron Oxide Nanoparticle
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Boron Oxide Nanoparticle Market Size (M USD), 2025-2035
- Figure 5. Global Boron Oxide Nanoparticle Market Size (M USD) (2020-2035)
- Figure 6. Global Boron Oxide Nanoparticle Sales (K MT) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Boron Oxide Nanoparticle Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Boron Oxide Nanoparticle Product Life Cycle
- Figure 13. Boron Oxide Nanoparticle Sales Share by Manufacturers in 2025
- Figure 14. Global Boron Oxide Nanoparticle Revenue Share by Manufacturers in 2025
- Figure 15. Boron Oxide Nanoparticle Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Boron Oxide Nanoparticle Average Price (USD/KG) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Boron Oxide Nanoparticle Revenue in 2025
- Figure 18. Industry Chain Map of Boron Oxide Nanoparticle
- Figure 19. Global Boron Oxide Nanoparticle Market PEST Analysis
- Figure 20. Global Boron Oxide Nanoparticle Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Boron Oxide Nanoparticle Market Share by Type
- Figure 27. Sales Market Share of Boron Oxide Nanoparticle by Type (2020-2025)
- Figure 28. Sales Market Share of Boron Oxide Nanoparticle by Type in 2025
- Figure 29. Market Share of Boron Oxide Nanoparticle by Type (2020-2025)
- Figure 30. Market Share of Boron Oxide Nanoparticle by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Boron Oxide Nanoparticle Market Share by Application

Figure 33. Global Boron Oxide Nanoparticle Sales Market Share by Application (2020-2025)

Figure 34. Global Boron Oxide Nanoparticle Sales Market Share by Application in 2025

Figure 35. Global Boron Oxide Nanoparticle Market Share by Application (2020-2025)

Figure 36. Global Boron Oxide Nanoparticle Market Share by Application in 2025

Figure 37. Global Boron Oxide Nanoparticle Sales Growth Rate by Application (2020-2025)

Figure 38. Global Boron Oxide Nanoparticle Sales Market Share by Region (2020-2025)

Figure 39. Global Boron Oxide Nanoparticle Market Size by Region (2020-2025)

Figure 40. North America Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Boron Oxide Nanoparticle Sales Market Share by Country in 2024

Figure 43. North America Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Boron Oxide Nanoparticle Market Size by Country in 2024

Figure 45. U.S. Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Boron Oxide Nanoparticle Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Boron Oxide Nanoparticle Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Boron Oxide Nanoparticle Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Boron Oxide Nanoparticle Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Boron Oxide Nanoparticle Sales Market Share by Country in 2024

Figure 53. Europe Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Boron Oxide Nanoparticle Market Size by Country in 2024

Figure 55. Germany Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Boron Oxide Nanoparticle Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 57. France Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Boron Oxide Nanoparticle Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Boron Oxide Nanoparticle Sales Market Share by Region in 2024

Figure 67. Asia Pacific Boron Oxide Nanoparticle Market Size by Region in 2024

Figure 68. China Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Boron Oxide Nanoparticle Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 78. South America Boron Oxide Nanoparticle Sales and Growth Rate (K MT)

Figure 79. South America Boron Oxide Nanoparticle Sales Market Share by Country in 2024

Figure 80. South America Boron Oxide Nanoparticle Market Size and Growth Rate (M USD)

Figure 81. South America Boron Oxide Nanoparticle Market Size by Country in 2024

Figure 82. Brazil Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Boron Oxide Nanoparticle Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Boron Oxide Nanoparticle Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Boron Oxide Nanoparticle Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Boron Oxide Nanoparticle Market Size by Region in 2024

Figure 92. Saudi Arabia Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Boron Oxide Nanoparticle Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Boron Oxide Nanoparticle Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Boron Oxide Nanoparticle Production Market Share by Region (2020-2025)

Figure 103. North America Boron Oxide Nanoparticle Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Boron Oxide Nanoparticle Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Boron Oxide Nanoparticle Production (K MT) Growth Rate (2020-2025)

Figure 106. China Boron Oxide Nanoparticle Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Boron Oxide Nanoparticle Sales Forecast by Volume (2020-2035) & (K MT)

Figure 108. Global Boron Oxide Nanoparticle Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Boron Oxide Nanoparticle Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Boron Oxide Nanoparticle Market Share Forecast by Type (2026-2035)

Figure 111. Global Boron Oxide Nanoparticle Sales Forecast by Application (2026-2035)

Figure 112. Global Boron Oxide Nanoparticle Market Share Forecast by Application (2026-2035)

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