

Global Metallic Boride Powders Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G95D5BC4828DEN.html>

Date: June 2026

Pages: 99

Price: US\$ 4,480.00 (Single User License)

ID: G95D5BC4828DEN

Abstracts

The global Metallic Boride Powders market size is expected to reach \$ 292 million by 2032, rising at a market growth of 6.6% CAGR during the forecast period (2026-2032).

Metallic Boride Powders are a class of high-performance non-oxide advanced ceramic powders mainly represented by titanium diboride, zirconium diboride, lanthanum hexaboride and other metallic borides. They offer high melting point, high hardness, excellent wear resistance, good electrical and thermal conductivity, and strong thermal stability, and are mainly used in conductive ceramics, evaporation boat materials, wear-resistant and protective coatings, cutting tools, ultra-high-temperature structural materials, and selected electron-emission functional materials. Upstream raw materials mainly include titanium, zirconium, lanthanum and related metals or metal oxides, boron powder, and other auxiliary reaction materials. Major downstream customers include advanced ceramics manufacturers, evaporation boat and metallization material producers, thermal spraying and surface engineering companies, refractory manufacturers, hard tool and wear-resistant composite suppliers, as well as aerospace and defense-related material developers and end users. In 2025, the global Metallic Boride Powders market is estimated to have a total capacity of about 2,680 tons and shipments of about 1,947 tons, with an average ex-factory price of about USD 92.6/kg and a gross margin of about 28%-41%. Overall, titanium diboride powder remains the core volume segment of the market, while zirconium diboride and lanthanum hexaboride are more concentrated in mid- to high-end applications with stricter performance requirements.

The Metallic Boride Powders market is currently at a stage characterized by specialized demand, high technical barriers, and strong application dependence. Compared with broader ceramic powder or metal powder markets, it remains relatively niche in overall

size, but its strategic importance in high-end manufacturing is significant. Current demand is mainly concentrated in conductive ceramics, evaporation materials, wear-resistant coatings, high-temperature structural components, electron emission materials, and selected reinforcement applications. Different boride systems show clear differences in downstream focus. Titanium boride based products are generally more commercialized and widely adopted, while zirconium boride is more closely linked to ultra-high-temperature and thermal protection systems, and hexaboride materials are more associated with electronic and functional applications. As a result, the market is shaped more by performance requirements and application fit than by simple volume competition.

From the supply side, the market is still dominated by a limited number of companies with established capabilities in advanced ceramic powders, refractory compounds, or specialty inorganic materials. The production of metallic boride powders requires strict control over raw material purity, reaction atmosphere, processing temperature, impurity management, and post-treatment steps, which raises the entry threshold for new participants. In addition, downstream requirements vary significantly depending on the end use, including oxygen content, particle size distribution, sintering behavior, conductivity, and thermal stability. This means the market is not purely driven by standardized commodity-grade supply, but also by a meaningful share of customized or application-oriented products. Companies with strong formulation know-how, particle engineering capability, and close cooperation with downstream customers are therefore better positioned to secure long-term business in higher-value segments.

In the coming years, market growth is expected to be supported by continued demand from advanced manufacturing, functional materials, and high-temperature protection applications. Traditional uses such as surface engineering, wear-resistant components, high-temperature conductive ceramics, and composite materials are likely to remain important demand pillars. At the same time, rising performance requirements in aerospace, thermal protection, electron emission, precision processing, and some emerging energy-related equipment fields are expected to support further upgrading of mid- to high-end metallic boride powders. As downstream customers place increasing emphasis on consistency, reliability, and service life, competition will gradually shift from basic material supply toward broader solution capability, including forming, sintering, coating, compounding, and in-service performance matching. In parallel, the growing manufacturing strength of Chinese producers in ultra-high-temperature ceramics, advanced structural ceramics, and specialty powders is likely to increase their influence in the global competitive landscape.

At the same time, the industry still faces several practical constraints. First, end-use applications for metallic boride powders are relatively specialized, and many downstream markets are not large on their own, which tends to limit the pace of rapid volume expansion. Second, the stringent requirements on purity, impurity control, and particle size distribution make yield management, cost control, and supply stability ongoing challenges for producers. Third, high-end applications often require long qualification cycles and extensive performance validation, which makes customer entry difficult for new suppliers. In addition, fluctuations in raw material costs, changes in trade conditions, and uncertainty in demand from advanced industrial sectors can all affect profitability and expansion plans. Overall, the market has solid long-term potential, but its growth path is more likely to be driven by technology improvement and application deepening than by short-term large-scale expansion.

This report studies the global Metallic Boride Powders production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Metallic Boride Powders and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Metallic Boride Powders that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Metallic Boride Powders total production and demand, 2021-2032, (Tons)

Global Metallic Boride Powders total production value, 2021-2032, (USD Million)

Global Metallic Boride Powders production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Metallic Boride Powders consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Metallic Boride Powders domestic production, consumption, key domestic manufacturers and share

Global Metallic Boride Powders production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Metallic Boride Powders production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Metallic Boride Powders production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Metallic Boride Powders market based on

the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Hoganas, Materion, Momenite Technologies, 3M, Huawei Aerospace, Treibacher, PENSC, Longji New Materials Technology, Dandong Rijin, Shanghai Chaowei Nano Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Metallic Boride Powders market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Metallic Boride Powders Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Metallic Boride Powders Market, Segmentation by Type:

- Titanium Boride Powder
- Zirconium Boride Powder
- Lanthanum Hexaboride Powder
- Others

Global Metallic Boride Powders Market, Segmentation by Crystal Chemistry:

- Monoboride Powder
- Diboride Powder
- Hexaboride Powder
- Others

Global Metallic Boride Powders Market, Segmentation by Grade:

- Thermal Spraying Grade
- Conductive Ceramic Grade
- Evaporation Boat Grade
- Refractory Grade
- Others

Global Metallic Boride Powders Market, Segmentation by Application:

- Aerospace and Defense

Metallurgy and High-temperature Industries

Electronics and Electrical

Machining and Surface Engineering

Others

Companies Profiled:

Hoganas

Materion

Momentive Technologies

3M

Huawei Aerospace

Treibacher

PENSC

Longji New Materials Technology

Dandong Rijin

Shanghai Chaowei Nano Technology

Key Questions Answered:

1. How big is the global Metallic Boride Powders market?
2. What is the demand of the global Metallic Boride Powders market?
3. What is the year over year growth of the global Metallic Boride Powders market?
4. What is the production and production value of the global Metallic Boride Powders market?
5. Who are the key producers in the global Metallic Boride Powders market?

6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Metallic Boride Powders Introduction
- 1.2 World Metallic Boride Powders Supply & Forecast
 - 1.2.1 World Metallic Boride Powders Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Metallic Boride Powders Production (2021-2032)
 - 1.2.3 World Metallic Boride Powders Pricing Trends (2021-2032)
- 1.3 World Metallic Boride Powders Production by Region (Based on Production Site)
 - 1.3.1 World Metallic Boride Powders Production Value by Region (2021-2032)
 - 1.3.2 World Metallic Boride Powders Production by Region (2021-2032)
 - 1.3.3 World Metallic Boride Powders Average Price by Region (2021-2032)
 - 1.3.4 North America Metallic Boride Powders Production (2021-2032)
 - 1.3.5 Europe Metallic Boride Powders Production (2021-2032)
 - 1.3.6 China Metallic Boride Powders Production (2021-2032)
 - 1.3.7 Japan Metallic Boride Powders Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Metallic Boride Powders Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Metallic Boride Powders Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Metallic Boride Powders Demand (2021-2032)
- 2.2 World Metallic Boride Powders Consumption by Region
 - 2.2.1 World Metallic Boride Powders Consumption by Region (2021-2026)
 - 2.2.2 World Metallic Boride Powders Consumption Forecast by Region (2027-2032)
- 2.3 United States Metallic Boride Powders Consumption (2021-2032)
- 2.4 China Metallic Boride Powders Consumption (2021-2032)
- 2.5 Europe Metallic Boride Powders Consumption (2021-2032)
- 2.6 Japan Metallic Boride Powders Consumption (2021-2032)
- 2.7 South Korea Metallic Boride Powders Consumption (2021-2032)
- 2.8 ASEAN Metallic Boride Powders Consumption (2021-2032)
- 2.9 India Metallic Boride Powders Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Metallic Boride Powders Production Value by Manufacturer (2021-2026)

- 3.2 World Metallic Boride Powders Production by Manufacturer (2021-2026)
- 3.3 World Metallic Boride Powders Average Price by Manufacturer (2021-2026)
- 3.4 Metallic Boride Powders Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Metallic Boride Powders Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Metallic Boride Powders in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Metallic Boride Powders in 2025
- 3.6 Metallic Boride Powders Market: Overall Company Footprint Analysis
 - 3.6.1 Metallic Boride Powders Market: Region Footprint
 - 3.6.2 Metallic Boride Powders Market: Company Product Type Footprint
 - 3.6.3 Metallic Boride Powders Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Metallic Boride Powders Production Value Comparison
 - 4.1.1 United States VS China: Metallic Boride Powders Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Metallic Boride Powders Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Metallic Boride Powders Production Comparison
 - 4.2.1 United States VS China: Metallic Boride Powders Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Metallic Boride Powders Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Metallic Boride Powders Consumption Comparison
 - 4.3.1 United States VS China: Metallic Boride Powders Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Metallic Boride Powders Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Metallic Boride Powders Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Metallic Boride Powders Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Metallic Boride Powders Production Value (2021-2026)

4.4.3 United States Based Manufacturers Metallic Boride Powders Production (2021-2026)

4.5 China Based Metallic Boride Powders Manufacturers and Market Share

4.5.1 China Based Metallic Boride Powders Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Metallic Boride Powders Production Value (2021-2026)

4.5.3 China Based Manufacturers Metallic Boride Powders Production (2021-2026)

4.6 Rest of World Based Metallic Boride Powders Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Metallic Boride Powders Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Metallic Boride Powders Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Metallic Boride Powders Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Metallic Boride Powders Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Titanium Boride Powder

5.2.2 Zirconium Boride Powder

5.2.3 Lanium Hexaboride Powder

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World Metallic Boride Powders Production by Type (2021-2032)

5.3.2 World Metallic Boride Powders Production Value by Type (2021-2032)

5.3.3 World Metallic Boride Powders Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY CRYSTAL CHEMISTRY

6.1 World Metallic Boride Powders Market Size Overview by Crystal Chemistry: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Crystal Chemistry

6.2.1 Monoboride Powder

6.2.2 Diboride Powder

6.2.3 Hexaboride Powder

6.2.4 Others

6.3 Market Segment by Crystal Chemistry

6.3.1 World Metallic Boride Powders Production by Crystal Chemistry (2021-2032)

6.3.2 World Metallic Boride Powders Production Value by Crystal Chemistry (2021-2032)

6.3.3 World Metallic Boride Powders Average Price by Crystal Chemistry (2021-2032)

7 MARKET ANALYSIS BY GRADE

7.1 World Metallic Boride Powders Market Size Overview by Grade: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Grade

7.2.1 Thermal Spraying Grade

7.2.2 Conductive Ceramic Grade

7.2.3 Evaporation Boat Grade

7.2.4 Refractory Grade

7.2.5 Others

7.3 Market Segment by Grade

7.3.1 World Metallic Boride Powders Production by Grade (2021-2032)

7.3.2 World Metallic Boride Powders Production Value by Grade (2021-2032)

7.3.3 World Metallic Boride Powders Average Price by Grade (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Metallic Boride Powders Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Aerospace and Defense

8.2.2 Metallurgy and High-temperature Industries

8.2.3 Electronics and Electrical

8.2.4 Machining and Surface Engineering

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World Metallic Boride Powders Production by Application (2021-2032)

8.3.2 World Metallic Boride Powders Production Value by Application (2021-2032)

8.3.3 World Metallic Boride Powders Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Hoganas

9.1.1 Hoganas Details

9.1.2 Hoganas Major Business

9.1.3 Hoganas Metallic Boride Powders Product and Services

9.1.4 Hoganas Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Hoganas Recent Developments/Updates

9.1.6 Hoganas Competitive Strengths & Weaknesses

9.2 Materion

9.2.1 Materion Details

9.2.2 Materion Major Business

9.2.3 Materion Metallic Boride Powders Product and Services

9.2.4 Materion Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Materion Recent Developments/Updates

9.2.6 Materion Competitive Strengths & Weaknesses

9.3 Momentive Technologies

9.3.1 Momentive Technologies Details

9.3.2 Momentive Technologies Major Business

9.3.3 Momentive Technologies Metallic Boride Powders Product and Services

9.3.4 Momentive Technologies Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Momentive Technologies Recent Developments/Updates

9.3.6 Momentive Technologies Competitive Strengths & Weaknesses

9.4 3M

9.4.1 3M Details

9.4.2 3M Major Business

9.4.3 3M Metallic Boride Powders Product and Services

9.4.4 3M Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 3M Recent Developments/Updates

9.4.6 3M Competitive Strengths & Weaknesses

9.5 Huawei Aerospace

9.5.1 Huawei Aerospace Details

9.5.2 Huawei Aerospace Major Business

9.5.3 Huawei Aerospace Metallic Boride Powders Product and Services

9.5.4 Huawei Aerospace Metallic Boride Powders Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.5.5 Huawei Aerospace Recent Developments/Updates

9.5.6 Huawei Aerospace Competitive Strengths & Weaknesses

9.6 Treibacher

9.6.1 Treibacher Details

9.6.2 Treibacher Major Business

9.6.3 Treibacher Metallic Boride Powders Product and Services

9.6.4 Treibacher Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Treibacher Recent Developments/Updates

9.6.6 Treibacher Competitive Strengths & Weaknesses

9.7 PENS

9.7.1 PENS Details

9.7.2 PENS Major Business

9.7.3 PENS Metallic Boride Powders Product and Services

9.7.4 PENS Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 PENS Recent Developments/Updates

9.7.6 PENS Competitive Strengths & Weaknesses

9.8 Longji New Materials Technology

9.8.1 Longji New Materials Technology Details

9.8.2 Longji New Materials Technology Major Business

9.8.3 Longji New Materials Technology Metallic Boride Powders Product and Services

9.8.4 Longji New Materials Technology Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Longji New Materials Technology Recent Developments/Updates

9.8.6 Longji New Materials Technology Competitive Strengths & Weaknesses

9.9 Dandong Rijin

9.9.1 Dandong Rijin Details

9.9.2 Dandong Rijin Major Business

9.9.3 Dandong Rijin Metallic Boride Powders Product and Services

9.9.4 Dandong Rijin Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Dandong Rijin Recent Developments/Updates

9.9.6 Dandong Rijin Competitive Strengths & Weaknesses

9.10 Shanghai Chaowei Nano Technology

9.10.1 Shanghai Chaowei Nano Technology Details

9.10.2 Shanghai Chaowei Nano Technology Major Business

9.10.3 Shanghai Chaowei Nano Technology Metallic Boride Powders Product and

Services

9.10.4 Shanghai Chaowei Nano Technology Metallic Boride Powders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Shanghai Chaowei Nano Technology Recent Developments/Updates

9.10.6 Shanghai Chaowei Nano Technology Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Metallic Boride Powders Industry Chain

10.2 Metallic Boride Powders Upstream Analysis

10.2.1 Metallic Boride Powders Core Raw Materials

10.2.2 Main Manufacturers of Metallic Boride Powders Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Metallic Boride Powders Production Mode

10.6 Metallic Boride Powders Procurement Model

10.7 Metallic Boride Powders Industry Sales Model and Sales Channels

10.7.1 Metallic Boride Powders Sales Model

10.7.2 Metallic Boride Powders Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Metallic Boride Powders Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Metallic Boride Powders Production Value by Region (2021-2026) & (USD Million)

Table 3. World Metallic Boride Powders Production Value by Region (2027-2032) & (USD Million)

Table 4. World Metallic Boride Powders Production Value Market Share by Region (2021-2026)

Table 5. World Metallic Boride Powders Production Value Market Share by Region (2027-2032)

Table 6. World Metallic Boride Powders Production by Region (2021-2026) & (Tons)

Table 7. World Metallic Boride Powders Production by Region (2027-2032) & (Tons)

Table 8. World Metallic Boride Powders Production Market Share by Region (2021-2026)

Table 9. World Metallic Boride Powders Production Market Share by Region (2027-2032)

Table 10. World Metallic Boride Powders Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World Metallic Boride Powders Average Price by Region (2027-2032) & (US\$/kg)

Table 12. Metallic Boride Powders Major Market Trends

Table 13. World Metallic Boride Powders Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Metallic Boride Powders Consumption by Region (2021-2026) & (Tons)

Table 15. World Metallic Boride Powders Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Metallic Boride Powders Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Metallic Boride Powders Producers in 2025

Table 18. World Metallic Boride Powders Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Metallic Boride Powders Producers in 2025

Table 20. World Metallic Boride Powders Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global Metallic Boride Powders Company Evaluation Quadrant
Table 22. World Metallic Boride Powders Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Metallic Boride Powders Production Site of Key Manufacturer
Table 24. Metallic Boride Powders Market: Company Product Type Footprint
Table 25. Metallic Boride Powders Market: Company Product Application Footprint
Table 26. Metallic Boride Powders Competitive Factors
Table 27. Metallic Boride Powders New Entrant and Capacity Expansion Plans
Table 28. Metallic Boride Powders Mergers & Acquisitions Activity
Table 29. United States VS China Metallic Boride Powders Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Metallic Boride Powders Production Comparison, (2021 & 2025 & 2032) & (Tons)
Table 31. United States VS China Metallic Boride Powders Consumption Comparison, (2021 & 2025 & 2032) & (Tons)
Table 32. United States Based Metallic Boride Powders Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Metallic Boride Powders Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Metallic Boride Powders Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Metallic Boride Powders Production (2021-2026) & (Tons)
Table 36. United States Based Manufacturers Metallic Boride Powders Production Market Share (2021-2026)
Table 37. China Based Metallic Boride Powders Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Metallic Boride Powders Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Metallic Boride Powders Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Metallic Boride Powders Production, (2021-2026) & (Tons)
Table 41. China Based Manufacturers Metallic Boride Powders Production Market Share (2021-2026)
Table 42. Rest of World Based Metallic Boride Powders Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Metallic Boride Powders Production

Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Metallic Boride Powders Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Metallic Boride Powders Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Metallic Boride Powders Production Market Share (2021-2026)

Table 47. World Metallic Boride Powders Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Metallic Boride Powders Production by Type (2021-2026) & (Tons)

Table 49. World Metallic Boride Powders Production by Type (2027-2032) & (Tons)

Table 50. World Metallic Boride Powders Production Value by Type (2021-2026) & (USD Million)

Table 51. World Metallic Boride Powders Production Value by Type (2027-2032) & (USD Million)

Table 52. World Metallic Boride Powders Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World Metallic Boride Powders Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World Metallic Boride Powders Production Value by Crystal Chemistry, (USD Million), 2021 & 2025 & 2032

Table 55. World Metallic Boride Powders Production by Crystal Chemistry (2021-2026) & (Tons)

Table 56. World Metallic Boride Powders Production by Crystal Chemistry (2027-2032) & (Tons)

Table 57. World Metallic Boride Powders Production Value by Crystal Chemistry (2021-2026) & (USD Million)

Table 58. World Metallic Boride Powders Production Value by Crystal Chemistry (2027-2032) & (USD Million)

Table 59. World Metallic Boride Powders Average Price by Crystal Chemistry (2021-2026) & (US\$/kg)

Table 60. World Metallic Boride Powders Average Price by Crystal Chemistry (2027-2032) & (US\$/kg)

Table 61. World Metallic Boride Powders Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Table 62. World Metallic Boride Powders Production by Grade (2021-2026) & (Tons)

Table 63. World Metallic Boride Powders Production by Grade (2027-2032) & (Tons)

Table 64. World Metallic Boride Powders Production Value by Grade (2021-2026) & (USD Million)

Table 65. World Metallic Boride Powders Production Value by Grade (2027-2032) & (USD Million)

Table 66. World Metallic Boride Powders Average Price by Grade (2021-2026) & (US\$/kg)

Table 67. World Metallic Boride Powders Average Price by Grade (2027-2032) & (US\$/kg)

Table 68. World Metallic Boride Powders Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Metallic Boride Powders Production by Application (2021-2026) & (Tons)

Table 70. World Metallic Boride Powders Production by Application (2027-2032) & (Tons)

Table 71. World Metallic Boride Powders Production Value by Application (2021-2026) & (USD Million)

Table 72. World Metallic Boride Powders Production Value by Application (2027-2032) & (USD Million)

Table 73. World Metallic Boride Powders Average Price by Application (2021-2026) & (US\$/kg)

Table 74. World Metallic Boride Powders Average Price by Application (2027-2032) & (US\$/kg)

Table 75. Hoganäs Basic Information, Manufacturing Base and Competitors

Table 76. Hoganäs Major Business

Table 77. Hoganäs Metallic Boride Powders Product and Services

Table 78. Hoganäs Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Hoganäs Recent Developments/Updates

Table 80. Hoganäs Competitive Strengths & Weaknesses

Table 81. Materion Basic Information, Manufacturing Base and Competitors

Table 82. Materion Major Business

Table 83. Materion Metallic Boride Powders Product and Services

Table 84. Materion Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Materion Recent Developments/Updates

Table 86. Materion Competitive Strengths & Weaknesses

Table 87. Momentive Technologies Basic Information, Manufacturing Base and Competitors

Table 88. Momentive Technologies Major Business

Table 89. Momentive Technologies Metallic Boride Powders Product and Services

Table 90. Momentive Technologies Metallic Boride Powders Production (Tons), Price

(US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Momentive Technologies Recent Developments/Updates

Table 92. Momentive Technologies Competitive Strengths & Weaknesses

Table 93. 3M Basic Information, Manufacturing Base and Competitors

Table 94. 3M Major Business

Table 95. 3M Metallic Boride Powders Product and Services

Table 96. 3M Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. 3M Recent Developments/Updates

Table 98. 3M Competitive Strengths & Weaknesses

Table 99. Huawei Aerospace Basic Information, Manufacturing Base and Competitors

Table 100. Huawei Aerospace Major Business

Table 101. Huawei Aerospace Metallic Boride Powders Product and Services

Table 102. Huawei Aerospace Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Huawei Aerospace Recent Developments/Updates

Table 104. Huawei Aerospace Competitive Strengths & Weaknesses

Table 105. Treibacher Basic Information, Manufacturing Base and Competitors

Table 106. Treibacher Major Business

Table 107. Treibacher Metallic Boride Powders Product and Services

Table 108. Treibacher Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Treibacher Recent Developments/Updates

Table 110. Treibacher Competitive Strengths & Weaknesses

Table 111. PENSIC Basic Information, Manufacturing Base and Competitors

Table 112. PENSIC Major Business

Table 113. PENSIC Metallic Boride Powders Product and Services

Table 114. PENSIC Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. PENSIC Recent Developments/Updates

Table 116. PENSIC Competitive Strengths & Weaknesses

Table 117. Longji New Materials Technology Basic Information, Manufacturing Base and Competitors

Table 118. Longji New Materials Technology Major Business

Table 119. Longji New Materials Technology Metallic Boride Powders Product and Services

Table 120. Longji New Materials Technology Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Longji New Materials Technology Recent Developments/Updates
Table 122. Longji New Materials Technology Competitive Strengths & Weaknesses
Table 123. Dandong Rijin Basic Information, Manufacturing Base and Competitors
Table 124. Dandong Rijin Major Business
Table 125. Dandong Rijin Metallic Boride Powders Product and Services
Table 126. Dandong Rijin Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Dandong Rijin Recent Developments/Updates
Table 128. Dandong Rijin Competitive Strengths & Weaknesses
Table 129. Shanghai Chaowei Nano Technology Basic Information, Manufacturing Base and Competitors
Table 130. Shanghai Chaowei Nano Technology Major Business
Table 131. Shanghai Chaowei Nano Technology Metallic Boride Powders Product and Services
Table 132. Shanghai Chaowei Nano Technology Metallic Boride Powders Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Shanghai Chaowei Nano Technology Recent Developments/Updates
Table 134. Shanghai Chaowei Nano Technology Competitive Strengths & Weaknesses
Table 135. Global Key Players of Metallic Boride Powders Upstream (Raw Materials)
Table 136. Global Metallic Boride Powders Typical Customers
Table 137. Metallic Boride Powders Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Metallic Boride Powders Picture

Figure 2. World Metallic Boride Powders Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Metallic Boride Powders Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Metallic Boride Powders Production (2021-2032) & (Tons)

Figure 5. World Metallic Boride Powders Average Price (2021-2032) & (US\$/kg)

Figure 6. World Metallic Boride Powders Production Value Market Share by Region (2021-2032)

Figure 7. World Metallic Boride Powders Production Market Share by Region (2021-2032)

Figure 8. North America Metallic Boride Powders Production (2021-2032) & (Tons)

Figure 9. Europe Metallic Boride Powders Production (2021-2032) & (Tons)

Figure 10. China Metallic Boride Powders Production (2021-2032) & (Tons)

Figure 11. Japan Metallic Boride Powders Production (2021-2032) & (Tons)

Figure 12. Metallic Boride Powders Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 15. World Metallic Boride Powders Consumption Market Share by Region (2021-2032)

Figure 16. United States Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 17. China Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 18. Europe Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 19. Japan Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 20. South Korea Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 21. ASEAN Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 22. India Metallic Boride Powders Consumption (2021-2032) & (Tons)

Figure 23. Producer Shipments of Metallic Boride Powders by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Metallic Boride Powders Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Metallic Boride Powders Markets in 2025

Figure 26. United States VS China: Metallic Boride Powders Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Metallic Boride Powders Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Metallic Boride Powders Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Metallic Boride Powders Production Market Share 2025

Figure 30. China Based Manufacturers Metallic Boride Powders Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Metallic Boride Powders Production Market Share 2025

Figure 32. World Metallic Boride Powders Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Metallic Boride Powders Production Value Market Share by Type in 2025

Figure 34. Titanium Boride Powder

Figure 35. Zirconium Boride Powder

Figure 36. Lanium Hexaboride Powder

Figure 37. Others

Figure 38. World Metallic Boride Powders Production Market Share by Type (2021-2032)

Figure 39. World Metallic Boride Powders Production Value Market Share by Type (2021-2032)

Figure 40. World Metallic Boride Powders Average Price by Type (2021-2032) & (US\$/kg)

Figure 41. World Metallic Boride Powders Production Value by Crystal Chemistry, (USD Million), 2021 & 2025 & 2032

Figure 42. World Metallic Boride Powders Production Value Market Share by Crystal Chemistry in 2025

Figure 43. Monoboride Powder

Figure 44. Diboride Powder

Figure 45. Hexaboride Powder

Figure 46. Others

Figure 47. World Metallic Boride Powders Production Market Share by Crystal Chemistry (2021-2032)

Figure 48. World Metallic Boride Powders Production Value Market Share by Crystal Chemistry (2021-2032)

Figure 49. World Metallic Boride Powders Average Price by Crystal Chemistry (2021-2032) & (US\$/kg)

Figure 50. World Metallic Boride Powders Production Value by Grade, (USD Million),

2021 & 2025 & 2032

Figure 51. World Metallic Boride Powders Production Value Market Share by Grade in 2025

Figure 52. Thermal Spraying Grade

Figure 53. Conductive Ceramic Grade

Figure 54. Evaporation Boat Grade

Figure 55. Refractory Grade

Figure 56. Others

Figure 57. World Metallic Boride Powders Production Market Share by Grade (2021-2032)

Figure 58. World Metallic Boride Powders Production Value Market Share by Grade (2021-2032)

Figure 59. World Metallic Boride Powders Average Price by Grade (2021-2032) & (US\$/kg)

Figure 60. World Metallic Boride Powders Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 61. World Metallic Boride Powders Production Value Market Share by Application in 2025

Figure 62. Aerospace and Defense

Figure 63. Metallurgy and High-temperature Industries

Figure 64. Electronics and Electrical

Figure 65. Machining and Surface Engineering

Figure 66. Others

Figure 67. World Metallic Boride Powders Production Market Share by Application (2021-2032)

Figure 68. World Metallic Boride Powders Production Value Market Share by Application (2021-2032)

Figure 69. World Metallic Boride Powders Average Price by Application (2021-2032) & (US\$/kg)

Figure 70. Metallic Boride Powders Industry Chain

Figure 71. Metallic Boride Powders Procurement Model

Figure 72. Metallic Boride Powders Sales Model

Figure 73. Metallic Boride Powders Sales Channels, Direct Sales, and Distribution

Figure 74. Methodology

Figure 75. Research Process and Data Source

I would like to order

Product name: Global Metallic Boride Powders Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G95D5BC4828DEN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G95D5BC4828DEN.html>