

Global Bismuth Phosphide Market Growth 2026-2032

<https://marketpublishers.com/r/GAC101AEA92CEN.html>

Date: July 2026

Pages: 95

Price: US\$ 3,660.00 (Single User License)

ID: GAC101AEA92CEN

Abstracts

The global Bismuth Phosphide market size is predicted to grow from US\$ 70.43 million in 2025 to US\$ 118 million in 2032; it is expected to grow at a CAGR of 7.8% from 2026 to 2032.

Bismuth Phosphide is an inorganic semiconductor compound composed of bismuth and phosphorus, typically represented by the chemical formula BiP. It belongs to the III-V or metal phosphide-related material family and is mainly researched and used in semiconductor electronics, thermoelectric materials, infrared optoelectronics, quantum materials, and advanced energy-related applications due to its narrow bandgap, high carrier mobility potential, and unique electronic properties. The supply chain of Bismuth Phosphide begins with upstream raw materials including high-purity bismuth metal, phosphorus or phosphine-related chemicals, specialty acids, and ultra-high-purity semiconductor processing gases supplied by mining, refining, and specialty chemical companies. Midstream production involves phosphidation synthesis, vacuum or inert-atmosphere crystal growth, powder synthesis, sputtering target fabrication, and semiconductor-grade purification processes carried out by advanced materials manufacturers and compound semiconductor suppliers. Processing technologies may include chemical vapor transport, solid-state reactions, molecular beam epitaxy (MBE), or chemical vapor deposition (CVD) for thin films and crystal fabrication. Downstream applications include thermoelectric devices, infrared detectors, spintronic materials, quantum computing research, semiconductor wafers, advanced sensors, and laboratory R&D systems used by universities, semiconductor companies, defense contractors, and advanced electronics manufacturers. The industry is highly specialized, with strong dependence on ultra-high-purity material processing, semiconductor fabrication infrastructure, and research-driven demand from North America, Europe, China, Japan, and South Korea. In 2025, global Bismuth Phosphide output was about 3,000 tons with 4,000 tons of capacity, average prices of USD 20,000-40,000 per ton, and gross margins around 36%.

United States market for Bismuth Phosphide is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Bismuth Phosphide is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Bismuth Phosphide is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Bismuth Phosphide players cover American Elements (USA), Ereztech (USA), Materion (USA), 5N Plus (Canada), Umicore (Belgium), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Bismuth Phosphide Industry Forecast" looks at past sales and reviews total world Bismuth Phosphide sales in 2025, providing a comprehensive analysis by region and market sector of projected Bismuth Phosphide sales for 2026 through 2032. With Bismuth Phosphide sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Bismuth Phosphide industry.

This Insight Report provides a comprehensive analysis of the global Bismuth Phosphide landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Bismuth Phosphide portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Bismuth Phosphide market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Bismuth Phosphide and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Bismuth Phosphide.

This report presents a comprehensive overview, market shares, and growth opportunities of Bismuth Phosphide market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Industrial Grade (95-99%)

High-Purity Grade (99-99.9%)

Ultra-High-Purity Grade (>99.9%)

Segmentation by Crystal Structure:

Polycrystalline BiP

Monocrystalline BiP

Amorphous BiP

Segmentation by Application:

Semiconductor

Infrared Imaging

Thermoelectric Energy

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

American Elements (USA)

Ereztech (USA)

Materion (USA)

5N Plus (Canada)

Umicore (Belgium)

JX Advanced Metals (Japan)

Mitsubishi Chemical (Japan)

Vital Materials (China)

Keneng New Material (China)

GRINM Advanced Materials (China)

Key Questions Addressed in this Report

What is the 10-year outlook for the global Bismuth Phosphide market?

What factors are driving Bismuth Phosphide market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Bismuth Phosphide market opportunities vary by end market size?

How does Bismuth Phosphide break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Bismuth Phosphide Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Bismuth Phosphide by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Bismuth Phosphide by Country/Region, 2021, 2025 & 2032

2.2 Bismuth Phosphide Segment by Type

- 2.2.1 Industrial Grade (95-99%)
- 2.2.2 High-Purity Grade (99-99.9%)
- 2.2.3 Ultra-High-Purity Grade (>99.9%)
- 2.2.4 Bismuth Phosphide Sales by Type
 - 2.2.4.1 Global Bismuth Phosphide Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Bismuth Phosphide Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Bismuth Phosphide Sale Price by Type (2021-2026)

2.3 Bismuth Phosphide Segment by Crystal Structure

- 2.3.1 Polycrystalline BiP
- 2.3.2 Monocrystalline BiP
- 2.3.3 Amorphous BiP
- 2.3.4 Bismuth Phosphide Sales by Crystal Structure
 - 2.3.4.1 Global Bismuth Phosphide Sales Market Share by Crystal Structure (2021-2026)
 - 2.3.4.2 Global Bismuth Phosphide Revenue and Market Share by Crystal Structure (2021-2026)
 - 2.3.4.3 Global Bismuth Phosphide Sale Price by Crystal Structure (2021-2026)

2.4 Bismuth Phosphide Segment by Application

2.4.1 Semiconductor

2.4.2 Infrared Imaging

2.4.3 Thermoelectric Energy

2.4.4 Others

2.4.5 Bismuth Phosphide Sales by Application

2.4.5.1 Global Bismuth Phosphide Sale Market Share by Application (2021-2026)

2.4.5.2 Global Bismuth Phosphide Revenue and Market Share by Application (2021-2026)

2.4.5.3 Global Bismuth Phosphide Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Bismuth Phosphide Breakdown Data by Company

3.1.1 Global Bismuth Phosphide Annual Sales by Company (2021-2026)

3.1.2 Global Bismuth Phosphide Sales Market Share by Company (2021-2026)

3.2 Global Bismuth Phosphide Annual Revenue by Company (2021-2026)

3.2.1 Global Bismuth Phosphide Revenue by Company (2021-2026)

3.2.2 Global Bismuth Phosphide Revenue Market Share by Company (2021-2026)

3.3 Global Bismuth Phosphide Sale Price by Company

3.4 Key Manufacturers Bismuth Phosphide Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Bismuth Phosphide Product Location Distribution

3.4.2 Players Bismuth Phosphide Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR BISMUTH PHOSPHIDE BY GEOGRAPHIC REGION

4.1 World Historic Bismuth Phosphide Market Size by Geographic Region (2021-2026)

4.1.1 Global Bismuth Phosphide Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Bismuth Phosphide Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Bismuth Phosphide Market Size by Country/Region (2021-2026)

4.2.1 Global Bismuth Phosphide Annual Sales by Country/Region (2021-2026)

4.2.2 Global Bismuth Phosphide Annual Revenue by Country/Region (2021-2026)

- 4.3 Americas Bismuth Phosphide Sales Growth
- 4.4 APAC Bismuth Phosphide Sales Growth
- 4.5 Europe Bismuth Phosphide Sales Growth
- 4.6 Middle East & Africa Bismuth Phosphide Sales Growth

5 AMERICAS

- 5.1 Americas Bismuth Phosphide Sales by Country
 - 5.1.1 Americas Bismuth Phosphide Sales by Country (2021-2026)
 - 5.1.2 Americas Bismuth Phosphide Revenue by Country (2021-2026)
- 5.2 Americas Bismuth Phosphide Sales by Type (2021-2026)
- 5.3 Americas Bismuth Phosphide Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Bismuth Phosphide Sales by Region
 - 6.1.1 APAC Bismuth Phosphide Sales by Region (2021-2026)
 - 6.1.2 APAC Bismuth Phosphide Revenue by Region (2021-2026)
- 6.2 APAC Bismuth Phosphide Sales by Type (2021-2026)
- 6.3 APAC Bismuth Phosphide Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

- 7.1 Europe Bismuth Phosphide by Country
 - 7.1.1 Europe Bismuth Phosphide Sales by Country (2021-2026)
 - 7.1.2 Europe Bismuth Phosphide Revenue by Country (2021-2026)
- 7.2 Europe Bismuth Phosphide Sales by Type (2021-2026)
- 7.3 Europe Bismuth Phosphide Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Bismuth Phosphide by Country

8.1.1 Middle East & Africa Bismuth Phosphide Sales by Country (2021-2026)

8.1.2 Middle East & Africa Bismuth Phosphide Revenue by Country (2021-2026)

8.2 Middle East & Africa Bismuth Phosphide Sales by Type (2021-2026)

8.3 Middle East & Africa Bismuth Phosphide Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Bismuth Phosphide

10.3 Manufacturing Process Analysis of Bismuth Phosphide

10.4 Industry Chain Structure of Bismuth Phosphide

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Bismuth Phosphide Distributors

11.3 Bismuth Phosphide Customer

12 WORLD FORECAST REVIEW FOR BISMUTH PHOSPHIDE BY GEOGRAPHIC REGION

12.1 Global Bismuth Phosphide Market Size Forecast by Region

12.1.1 Global Bismuth Phosphide Forecast by Region (2027-2032)

12.1.2 Global Bismuth Phosphide Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Bismuth Phosphide Forecast by Type (2027-2032)

12.7 Global Bismuth Phosphide Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 American Elements (USA)

13.1.1 American Elements (USA) Company Information

13.1.2 American Elements (USA) Bismuth Phosphide Product Portfolios and Specifications

13.1.3 American Elements (USA) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 American Elements (USA) Main Business Overview

13.1.5 American Elements (USA) Latest Developments

13.2 Ereztech (USA)

13.2.1 Ereztech (USA) Company Information

13.2.2 Ereztech (USA) Bismuth Phosphide Product Portfolios and Specifications

13.2.3 Ereztech (USA) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Ereztech (USA) Main Business Overview

13.2.5 Ereztech (USA) Latest Developments

13.3 Materion (USA)

13.3.1 Materion (USA) Company Information

13.3.2 Materion (USA) Bismuth Phosphide Product Portfolios and Specifications

13.3.3 Materion (USA) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Materion (USA) Main Business Overview

13.3.5 Materion (USA) Latest Developments

13.4 5N Plus (Canada)

- 13.4.1 5N Plus (Canada) Company Information
- 13.4.2 5N Plus (Canada) Bismuth Phosphide Product Portfolios and Specifications
- 13.4.3 5N Plus (Canada) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.4.4 5N Plus (Canada) Main Business Overview
- 13.4.5 5N Plus (Canada) Latest Developments
- 13.5 Umicore (Belgium)
 - 13.5.1 Umicore (Belgium) Company Information
 - 13.5.2 Umicore (Belgium) Bismuth Phosphide Product Portfolios and Specifications
 - 13.5.3 Umicore (Belgium) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 Umicore (Belgium) Main Business Overview
 - 13.5.5 Umicore (Belgium) Latest Developments
- 13.6 JX Advanced Metals (Japan)
 - 13.6.1 JX Advanced Metals (Japan) Company Information
 - 13.6.2 JX Advanced Metals (Japan) Bismuth Phosphide Product Portfolios and Specifications
 - 13.6.3 JX Advanced Metals (Japan) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 JX Advanced Metals (Japan) Main Business Overview
 - 13.6.5 JX Advanced Metals (Japan) Latest Developments
- 13.7 Mitsubishi Chemical (Japan)
 - 13.7.1 Mitsubishi Chemical (Japan) Company Information
 - 13.7.2 Mitsubishi Chemical (Japan) Bismuth Phosphide Product Portfolios and Specifications
 - 13.7.3 Mitsubishi Chemical (Japan) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Mitsubishi Chemical (Japan) Main Business Overview
 - 13.7.5 Mitsubishi Chemical (Japan) Latest Developments
- 13.8 Vital Materials (China)
 - 13.8.1 Vital Materials (China) Company Information
 - 13.8.2 Vital Materials (China) Bismuth Phosphide Product Portfolios and Specifications
 - 13.8.3 Vital Materials (China) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Vital Materials (China) Main Business Overview
 - 13.8.5 Vital Materials (China) Latest Developments
- 13.9 Keneng New Material (China)
 - 13.9.1 Keneng New Material (China) Company Information
 - 13.9.2 Keneng New Material (China) Bismuth Phosphide Product Portfolios and

Specifications

13.9.3 Keneng New Material (China) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Keneng New Material (China) Main Business Overview

13.9.5 Keneng New Material (China) Latest Developments

13.10 GRINM Advanced Materials (China)

13.10.1 GRINM Advanced Materials (China) Company Information

13.10.2 GRINM Advanced Materials (China) Bismuth Phosphide Product Portfolios and Specifications

13.10.3 GRINM Advanced Materials (China) Bismuth Phosphide Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 GRINM Advanced Materials (China) Main Business Overview

13.10.5 GRINM Advanced Materials (China) Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Bismuth Phosphide Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Bismuth Phosphide Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Industrial Grade (95-99%)
- Table 4. Major Players of High-Purity Grade (99-99.9%)
- Table 5. Major Players of Ultra-High-Purity Grade (>99.9%)
- Table 6. Global Bismuth Phosphide Sales by Type (2021-2026) & (Tons)
- Table 7. Global Bismuth Phosphide Sales Market Share by Type (2021-2026)
- Table 8. Global Bismuth Phosphide Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global Bismuth Phosphide Revenue Market Share by Type (2021-2026)
- Table 10. Global Bismuth Phosphide Sale Price by Type (2021-2026) & (US\$/Ton)
- Table 11. Major Players of Polycrystalline BiP
- Table 12. Major Players of Monocrystalline BiP
- Table 13. Major Players of Amorphous BiP
- Table 14. Global Bismuth Phosphide Sales by Crystal Structure (2021-2026) & (Tons)
- Table 15. Global Bismuth Phosphide Sales Market Share by Crystal Structure (2021-2026)
- Table 16. Global Bismuth Phosphide Revenue by Crystal Structure (2021-2026) & (\$ million)
- Table 17. Global Bismuth Phosphide Revenue Market Share by Crystal Structure (2021-2026)
- Table 18. Global Bismuth Phosphide Sale Price by Crystal Structure (2021-2026) & (US\$/Ton)
- Table 19. Global Bismuth Phosphide Sale by Application (2021-2026) & (Tons)
- Table 20. Global Bismuth Phosphide Sale Market Share by Application (2021-2026)
- Table 21. Global Bismuth Phosphide Revenue by Application (2021-2026) & (\$ million)
- Table 22. Global Bismuth Phosphide Revenue Market Share by Application (2021-2026)
- Table 23. Global Bismuth Phosphide Sale Price by Application (2021-2026) & (US\$/Ton)
- Table 24. Global Bismuth Phosphide Sales by Company (2021-2026) & (Tons)
- Table 25. Global Bismuth Phosphide Sales Market Share by Company (2021-2026)
- Table 26. Global Bismuth Phosphide Revenue by Company (2021-2026) & (\$ millions)
- Table 27. Global Bismuth Phosphide Revenue Market Share by Company (2021-2026)

Table 28. Global Bismuth Phosphide Sale Price by Company (2021-2026) & (US\$/Ton)
Table 29. Key Manufacturers Bismuth Phosphide Producing Area Distribution and Sales Area
Table 30. Players Bismuth Phosphide Products Offered
Table 31. Bismuth Phosphide Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 32. New Products and Potential Entrants
Table 33. Market M&A Activity & Strategy
Table 34. Global Bismuth Phosphide Sales by Geographic Region (2021-2026) & (Tons)
Table 35. Global Bismuth Phosphide Sales Market Share Geographic Region (2021-2026)
Table 36. Global Bismuth Phosphide Revenue by Geographic Region (2021-2026) & (\$ millions)
Table 37. Global Bismuth Phosphide Revenue Market Share by Geographic Region (2021-2026)
Table 38. Global Bismuth Phosphide Sales by Country/Region (2021-2026) & (Tons)
Table 39. Global Bismuth Phosphide Sales Market Share by Country/Region (2021-2026)
Table 40. Global Bismuth Phosphide Revenue by Country/Region (2021-2026) & (\$ millions)
Table 41. Global Bismuth Phosphide Revenue Market Share by Country/Region (2021-2026)
Table 42. Americas Bismuth Phosphide Sales by Country (2021-2026) & (Tons)
Table 43. Americas Bismuth Phosphide Sales Market Share by Country (2021-2026)
Table 44. Americas Bismuth Phosphide Revenue by Country (2021-2026) & (\$ millions)
Table 45. Americas Bismuth Phosphide Sales by Type (2021-2026) & (Tons)
Table 46. Americas Bismuth Phosphide Sales by Application (2021-2026) & (Tons)
Table 47. APAC Bismuth Phosphide Sales by Region (2021-2026) & (Tons)
Table 48. APAC Bismuth Phosphide Sales Market Share by Region (2021-2026)
Table 49. APAC Bismuth Phosphide Revenue by Region (2021-2026) & (\$ millions)
Table 50. APAC Bismuth Phosphide Sales by Type (2021-2026) & (Tons)
Table 51. APAC Bismuth Phosphide Sales by Application (2021-2026) & (Tons)
Table 52. Europe Bismuth Phosphide Sales by Country (2021-2026) & (Tons)
Table 53. Europe Bismuth Phosphide Revenue by Country (2021-2026) & (\$ millions)
Table 54. Europe Bismuth Phosphide Sales by Type (2021-2026) & (Tons)
Table 55. Europe Bismuth Phosphide Sales by Application (2021-2026) & (Tons)
Table 56. Middle East & Africa Bismuth Phosphide Sales by Country (2021-2026) & (Tons)

Table 57. Middle East & Africa Bismuth Phosphide Revenue Market Share by Country (2021-2026)

Table 58. Middle East & Africa Bismuth Phosphide Sales by Type (2021-2026) & (Tons)

Table 59. Middle East & Africa Bismuth Phosphide Sales by Application (2021-2026) & (Tons)

Table 60. Key Market Drivers & Growth Opportunities of Bismuth Phosphide

Table 61. Key Market Challenges & Risks of Bismuth Phosphide

Table 62. Key Industry Trends of Bismuth Phosphide

Table 63. Bismuth Phosphide Raw Material

Table 64. Key Suppliers of Raw Materials

Table 65. Bismuth Phosphide Distributors List

Table 66. Bismuth Phosphide Customer List

Table 67. Global Bismuth Phosphide Sales Forecast by Region (2027-2032) & (Tons)

Table 68. Global Bismuth Phosphide Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 69. Americas Bismuth Phosphide Sales Forecast by Country (2027-2032) & (Tons)

Table 70. Americas Bismuth Phosphide Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 71. APAC Bismuth Phosphide Sales Forecast by Region (2027-2032) & (Tons)

Table 72. APAC Bismuth Phosphide Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 73. Europe Bismuth Phosphide Sales Forecast by Country (2027-2032) & (Tons)

Table 74. Europe Bismuth Phosphide Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 75. Middle East & Africa Bismuth Phosphide Sales Forecast by Country (2027-2032) & (Tons)

Table 76. Middle East & Africa Bismuth Phosphide Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 77. Global Bismuth Phosphide Sales Forecast by Type (2027-2032) & (Tons)

Table 78. Global Bismuth Phosphide Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 79. Global Bismuth Phosphide Sales Forecast by Application (2027-2032) & (Tons)

Table 80. Global Bismuth Phosphide Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 81. American Elements (USA) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors

Table 82. American Elements (USA) Bismuth Phosphide Product Portfolios and

Specifications

Table 83. American Elements (USA) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 84. American Elements (USA) Main Business

Table 85. American Elements (USA) Latest Developments

Table 86. Ereztech (USA) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors

Table 87. Ereztech (USA) Bismuth Phosphide Product Portfolios and Specifications

Table 88. Ereztech (USA) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 89. Ereztech (USA) Main Business

Table 90. Ereztech (USA) Latest Developments

Table 91. Materion (USA) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors

Table 92. Materion (USA) Bismuth Phosphide Product Portfolios and Specifications

Table 93. Materion (USA) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 94. Materion (USA) Main Business

Table 95. Materion (USA) Latest Developments

Table 96. 5N Plus (Canada) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors

Table 97. 5N Plus (Canada) Bismuth Phosphide Product Portfolios and Specifications

Table 98. 5N Plus (Canada) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 99. 5N Plus (Canada) Main Business

Table 100. 5N Plus (Canada) Latest Developments

Table 101. Umicore (Belgium) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors

Table 102. Umicore (Belgium) Bismuth Phosphide Product Portfolios and Specifications

Table 103. Umicore (Belgium) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 104. Umicore (Belgium) Main Business

Table 105. Umicore (Belgium) Latest Developments

Table 106. JX Advanced Metals (Japan) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors

Table 107. JX Advanced Metals (Japan) Bismuth Phosphide Product Portfolios and Specifications

Table 108. JX Advanced Metals (Japan) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 109. JX Advanced Metals (Japan) Main Business
Table 110. JX Advanced Metals (Japan) Latest Developments
Table 111. Mitsubishi Chemical (Japan) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors
Table 112. Mitsubishi Chemical (Japan) Bismuth Phosphide Product Portfolios and Specifications
Table 113. Mitsubishi Chemical (Japan) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 114. Mitsubishi Chemical (Japan) Main Business
Table 115. Mitsubishi Chemical (Japan) Latest Developments
Table 116. Vital Materials (China) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors
Table 117. Vital Materials (China) Bismuth Phosphide Product Portfolios and Specifications
Table 118. Vital Materials (China) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 119. Vital Materials (China) Main Business
Table 120. Vital Materials (China) Latest Developments
Table 121. Keneng New Material (China) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors
Table 122. Keneng New Material (China) Bismuth Phosphide Product Portfolios and Specifications
Table 123. Keneng New Material (China) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 124. Keneng New Material (China) Main Business
Table 125. Keneng New Material (China) Latest Developments
Table 126. GRINM Advanced Materials (China) Basic Information, Bismuth Phosphide Manufacturing Base, Sales Area and Its Competitors
Table 127. GRINM Advanced Materials (China) Bismuth Phosphide Product Portfolios and Specifications
Table 128. GRINM Advanced Materials (China) Bismuth Phosphide Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
Table 129. GRINM Advanced Materials (China) Main Business
Table 130. GRINM Advanced Materials (China) Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Bismuth Phosphide
- Figure 2. Bismuth Phosphide Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Bismuth Phosphide Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Bismuth Phosphide Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Bismuth Phosphide Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Bismuth Phosphide Sales Market Share by Country/Region (2025)
- Figure 10. Bismuth Phosphide Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Industrial Grade (95-99%)
- Figure 12. Product Picture of High-Purity Grade (99-99.9%)
- Figure 13. Product Picture of Ultra-High-Purity Grade (>99.9%)
- Figure 14. Global Bismuth Phosphide Sales Market Share by Type in 2026
- Figure 15. Global Bismuth Phosphide Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Polycrystalline BiP
- Figure 17. Product Picture of Monocrystalline BiP
- Figure 18. Product Picture of Amorphous BiP
- Figure 19. Global Bismuth Phosphide Sales Market Share by Crystal Structure in 2026
- Figure 20. Global Bismuth Phosphide Revenue Market Share by Crystal Structure (2021-2026)
- Figure 21. Bismuth Phosphide Consumed in Semiconductor
- Figure 22. Global Bismuth Phosphide Market: Semiconductor (2021-2026) & (Tons)
- Figure 23. Bismuth Phosphide Consumed in Infrared Imaging
- Figure 24. Global Bismuth Phosphide Market: Infrared Imaging (2021-2026) & (Tons)
- Figure 25. Bismuth Phosphide Consumed in Thermoelectric Energy
- Figure 26. Global Bismuth Phosphide Market: Thermoelectric Energy (2021-2026) & (Tons)
- Figure 27. Bismuth Phosphide Consumed in Others
- Figure 28. Global Bismuth Phosphide Market: Others (2021-2026) & (Tons)
- Figure 29. Global Bismuth Phosphide Sale Market Share by Application (2025)
- Figure 30. Global Bismuth Phosphide Revenue Market Share by Application in 2025
- Figure 31. Bismuth Phosphide Sales by Company in 2025 (Tons)

Figure 32. Global Bismuth Phosphide Sales Market Share by Company in 2025

Figure 33. Bismuth Phosphide Revenue by Company in 2025 (\$ millions)

Figure 34. Global Bismuth Phosphide Revenue Market Share by Company in 2025

Figure 35. Global Bismuth Phosphide Sales Market Share by Geographic Region (2021-2026)

Figure 36. Global Bismuth Phosphide Revenue Market Share by Geographic Region in 2025

Figure 37. Americas Bismuth Phosphide Sales 2021-2026 (Tons)

Figure 38. Americas Bismuth Phosphide Revenue 2021-2026 (\$ millions)

Figure 39. APAC Bismuth Phosphide Sales 2021-2026 (Tons)

Figure 40. APAC Bismuth Phosphide Revenue 2021-2026 (\$ millions)

Figure 41. Europe Bismuth Phosphide Sales 2021-2026 (Tons)

Figure 42. Europe Bismuth Phosphide Revenue 2021-2026 (\$ millions)

Figure 43. Middle East & Africa Bismuth Phosphide Sales 2021-2026 (Tons)

Figure 44. Middle East & Africa Bismuth Phosphide Revenue 2021-2026 (\$ millions)

Figure 45. Americas Bismuth Phosphide Sales Market Share by Country in 2025

Figure 46. Americas Bismuth Phosphide Revenue Market Share by Country (2021-2026)

Figure 47. Americas Bismuth Phosphide Sales Market Share by Type (2021-2026)

Figure 48. Americas Bismuth Phosphide Sales Market Share by Application (2021-2026)

Figure 49. United States Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 50. Canada Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 51. Mexico Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 52. Brazil Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 53. APAC Bismuth Phosphide Sales Market Share by Region in 2025

Figure 54. APAC Bismuth Phosphide Revenue Market Share by Region (2021-2026)

Figure 55. APAC Bismuth Phosphide Sales Market Share by Type (2021-2026)

Figure 56. APAC Bismuth Phosphide Sales Market Share by Application (2021-2026)

Figure 57. China Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 58. Japan Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 59. South Korea Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 60. Southeast Asia Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 61. India Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 62. Australia Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 63. China Taiwan Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 64. Europe Bismuth Phosphide Sales Market Share by Country in 2025

Figure 65. Europe Bismuth Phosphide Revenue Market Share by Country (2021-2026)

Figure 66. Europe Bismuth Phosphide Sales Market Share by Type (2021-2026)

Figure 67. Europe Bismuth Phosphide Sales Market Share by Application (2021-2026)

Figure 68. Germany Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 69. France Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 70. UK Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 71. Italy Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 72. Russia Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 73. Middle East & Africa Bismuth Phosphide Sales Market Share by Country (2021-2026)

Figure 74. Middle East & Africa Bismuth Phosphide Sales Market Share by Type (2021-2026)

Figure 75. Middle East & Africa Bismuth Phosphide Sales Market Share by Application (2021-2026)

Figure 76. Egypt Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 77. South Africa Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 78. Israel Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 79. Turkey Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 80. GCC Countries Bismuth Phosphide Revenue Growth 2021-2026 (\$ millions)

Figure 81. Manufacturing Cost Structure Analysis of Bismuth Phosphide in 2026

Figure 82. Manufacturing Process Analysis of Bismuth Phosphide

Figure 83. Industry Chain Structure of Bismuth Phosphide

Figure 84. Channels of Distribution

Figure 85. Global Bismuth Phosphide Sales Market Forecast by Region (2027-2032)

Figure 86. Global Bismuth Phosphide Revenue Market Share Forecast by Region (2027-2032)

Figure 87. Global Bismuth Phosphide Sales Market Share Forecast by Type (2027-2032)

Figure 88. Global Bismuth Phosphide Revenue Market Share Forecast by Type (2027-2032)

Figure 89. Global Bismuth Phosphide Sales Market Share Forecast by Application (2027-2032)

Figure 90. Global Bismuth Phosphide Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Bismuth Phosphide Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GAC101AEA92CEN.html>

Price: US\$ 3,660.00 (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/GAC101AEA92CEN.html>