

Global Semiconductor Grade Red Phosphorus Market Growth 2025-2031

<https://marketpublishers.com/r/GBDEDC789AF4EN.html>

Date: November 2025

Pages: 82

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

ID: GBDEDC789AF4EN

Abstracts

The global Semiconductor Grade Red Phosphorus market size is predicted to grow from US\$ 207 million in 2025 to US\$ 320 million in 2031; it is expected to grow at a CAGR of 7.6% from 2025 to 2031.

Semiconductor-grade red phosphorus is an extremely pure phosphorus element that is mainly used in the manufacturing of semiconductors. Red phosphorus is a common semiconductor material with excellent electron transmission performance and stability, so it is widely used in semiconductor devices such as integrated circuits, solar cells, and LEDs.

The purity requirements for semiconductor-grade red phosphorus are very high, generally exceeding 99.9999%, to ensure the performance and stability of the semiconductor. There are many methods for preparing red phosphorus, including sublimation method, chemical vapor deposition method, solid phase reaction method, etc.

In the semiconductor manufacturing process, red phosphorus can be used as a dopant to adjust the conductive properties of the semiconductor by controlling the doping amount. In addition, red phosphorus can also be combined with other semiconductor materials to form composite materials to achieve better performance.

The global market for semiconductor was estimated at US\$ 579 billion in the year 2022, is projected to US\$ 790 billion by 2029, growing at a CAGR of 6% during the forecast period. Although some major categories are still double-digit year-over-year growth in 2022, led by Analog with 20.76%, Sensor with 16.31%, and Logic with 14.46% growth, Memory declined with 12.125% year over year. The microprocessor (MPU) and

microcontroller (MCU) segments will experience stagnant growth due to weak shipments and investment in notebooks, computers, and standard desktops. In the current market scenario, the growing popularity of IoT-based electronics is stimulating the need for powerful processors and controllers. Hybrid MPUs and MCUs provide real-time embedded processing and control for the topmost IoT-based applications, resulting in significant market growth. The Analog IC segment is expected to grow gradually, while demand from the networking and communications industries is limited. Few of the emerging trends in the growing demand for Analog integrated circuits include signal conversion, automotive-specific Analog applications, and power management. They drive the growing demand for discrete power devices.

LP Information, Inc. (LPI) ' newest research report, the "Semiconductor Grade Red Phosphorus Industry Forecast" looks at past sales and reviews total world Semiconductor Grade Red Phosphorus sales in 2024, providing a comprehensive analysis by region and market sector of projected Semiconductor Grade Red Phosphorus sales for 2025 through 2031. With Semiconductor Grade Red Phosphorus sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Semiconductor Grade Red Phosphorus industry.

This Insight Report provides a comprehensive analysis of the global Semiconductor Grade Red Phosphorus 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 Semiconductor Grade Red Phosphorus portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Grade Red Phosphorus market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Grade Red Phosphorus 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 Semiconductor Grade Red Phosphorus.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Grade Red Phosphorus market by product type,

application, key manufacturers and key regions and countries.

Segmentation by Type:

6N

6N5

7N

Others

Segmentation by Application:

IDM Companies

Foundry Companies

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.

Nippon Chemical Industrial

RASA INDUSTRIES

Yamanaka Advanced Materials

Azelis

Guizhou Wylton Jinglin Electronic

Key Questions Addressed in this Report

What is the 10-year outlook for the global Semiconductor Grade Red Phosphorus market?

What factors are driving Semiconductor Grade Red Phosphorus market growth, globally and by region?

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

How do Semiconductor Grade Red Phosphorus market opportunities vary by end market size?

How does Semiconductor Grade Red Phosphorus 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 Semiconductor Grade Red Phosphorus Annual Sales 2020-2031
- 2.1.2 World Current & Future Analysis for Semiconductor Grade Red Phosphorus by Geographic Region, 2020, 2024 & 2031
- 2.1.3 World Current & Future Analysis for Semiconductor Grade Red Phosphorus by Country/Region, 2020, 2024 & 2031

2.2 Semiconductor Grade Red Phosphorus Segment by Type

- 2.2.1 6N
- 2.2.2 6N5
- 2.2.3 7N
- 2.2.4 Others

2.3 Semiconductor Grade Red Phosphorus Sales by Type

- 2.3.1 Global Semiconductor Grade Red Phosphorus Sales Market Share by Type (2020-2025)
- 2.3.2 Global Semiconductor Grade Red Phosphorus Revenue and Market Share by Type (2020-2025)
- 2.3.3 Global Semiconductor Grade Red Phosphorus Sale Price by Type (2020-2025)

2.4 Semiconductor Grade Red Phosphorus Segment by Application

- 2.4.1 IDM Companies
- 2.4.2 Foundry Companies

2.5 Semiconductor Grade Red Phosphorus Sales by Application

- 2.5.1 Global Semiconductor Grade Red Phosphorus Sale Market Share by Application (2020-2025)
- 2.5.2 Global Semiconductor Grade Red Phosphorus Revenue and Market Share by

Application (2020-2025)

2.5.3 Global Semiconductor Grade Red Phosphorus Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

3.1 Global Semiconductor Grade Red Phosphorus Breakdown Data by Company

3.1.1 Global Semiconductor Grade Red Phosphorus Annual Sales by Company (2020-2025)

3.1.2 Global Semiconductor Grade Red Phosphorus Sales Market Share by Company (2020-2025)

3.2 Global Semiconductor Grade Red Phosphorus Annual Revenue by Company (2020-2025)

3.2.1 Global Semiconductor Grade Red Phosphorus Revenue by Company (2020-2025)

3.2.2 Global Semiconductor Grade Red Phosphorus Revenue Market Share by Company (2020-2025)

3.3 Global Semiconductor Grade Red Phosphorus Sale Price by Company

3.4 Key Manufacturers Semiconductor Grade Red Phosphorus Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Semiconductor Grade Red Phosphorus Product Location Distribution

3.4.2 Players Semiconductor Grade Red Phosphorus Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SEMICONDUCTOR GRADE RED PHOSPHORUS BY GEOGRAPHIC REGION

4.1 World Historic Semiconductor Grade Red Phosphorus Market Size by Geographic Region (2020-2025)

4.1.1 Global Semiconductor Grade Red Phosphorus Annual Sales by Geographic Region (2020-2025)

4.1.2 Global Semiconductor Grade Red Phosphorus Annual Revenue by Geographic Region (2020-2025)

4.2 World Historic Semiconductor Grade Red Phosphorus Market Size by

Country/Region (2020-2025)

4.2.1 Global Semiconductor Grade Red Phosphorus Annual Sales by Country/Region (2020-2025)

4.2.2 Global Semiconductor Grade Red Phosphorus Annual Revenue by Country/Region (2020-2025)

4.3 Americas Semiconductor Grade Red Phosphorus Sales Growth

4.4 APAC Semiconductor Grade Red Phosphorus Sales Growth

4.5 Europe Semiconductor Grade Red Phosphorus Sales Growth

4.6 Middle East & Africa Semiconductor Grade Red Phosphorus Sales Growth

5 AMERICAS

5.1 Americas Semiconductor Grade Red Phosphorus Sales by Country

5.1.1 Americas Semiconductor Grade Red Phosphorus Sales by Country (2020-2025)

5.1.2 Americas Semiconductor Grade Red Phosphorus Revenue by Country (2020-2025)

5.2 Americas Semiconductor Grade Red Phosphorus Sales by Type (2020-2025)

5.3 Americas Semiconductor Grade Red Phosphorus Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Semiconductor Grade Red Phosphorus Sales by Region

6.1.1 APAC Semiconductor Grade Red Phosphorus Sales by Region (2020-2025)

6.1.2 APAC Semiconductor Grade Red Phosphorus Revenue by Region (2020-2025)

6.2 APAC Semiconductor Grade Red Phosphorus Sales by Type (2020-2025)

6.3 APAC Semiconductor Grade Red Phosphorus Sales by Application (2020-2025)

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 Semiconductor Grade Red Phosphorus by Country

7.1.1 Europe Semiconductor Grade Red Phosphorus Sales by Country (2020-2025)

7.1.2 Europe Semiconductor Grade Red Phosphorus Revenue by Country (2020-2025)

7.2 Europe Semiconductor Grade Red Phosphorus Sales by Type (2020-2025)

7.3 Europe Semiconductor Grade Red Phosphorus Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Semiconductor Grade Red Phosphorus by Country

8.1.1 Middle East & Africa Semiconductor Grade Red Phosphorus Sales by Country (2020-2025)

8.1.2 Middle East & Africa Semiconductor Grade Red Phosphorus Revenue by Country (2020-2025)

8.2 Middle East & Africa Semiconductor Grade Red Phosphorus Sales by Type (2020-2025)

8.3 Middle East & Africa Semiconductor Grade Red Phosphorus Sales by Application (2020-2025)

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 Semiconductor Grade Red Phosphorus
- 10.3 Manufacturing Process Analysis of Semiconductor Grade Red Phosphorus
- 10.4 Industry Chain Structure of Semiconductor Grade Red Phosphorus

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Semiconductor Grade Red Phosphorus Distributors
- 11.3 Semiconductor Grade Red Phosphorus Customer

12 WORLD FORECAST REVIEW FOR SEMICONDUCTOR GRADE RED PHOSPHORUS BY GEOGRAPHIC REGION

- 12.1 Global Semiconductor Grade Red Phosphorus Market Size Forecast by Region
 - 12.1.1 Global Semiconductor Grade Red Phosphorus Forecast by Region (2026-2031)
 - 12.1.2 Global Semiconductor Grade Red Phosphorus Annual Revenue Forecast by Region (2026-2031)
- 12.2 Americas Forecast by Country (2026-2031)
- 12.3 APAC Forecast by Region (2026-2031)
- 12.4 Europe Forecast by Country (2026-2031)
- 12.5 Middle East & Africa Forecast by Country (2026-2031)
- 12.6 Global Semiconductor Grade Red Phosphorus Forecast by Type (2026-2031)
- 12.7 Global Semiconductor Grade Red Phosphorus Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

- 13.1 Nippon Chemical Industrial
 - 13.1.1 Nippon Chemical Industrial Company Information
 - 13.1.2 Nippon Chemical Industrial Semiconductor Grade Red Phosphorus Product Portfolios and Specifications
 - 13.1.3 Nippon Chemical Industrial Semiconductor Grade Red Phosphorus Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.1.4 Nippon Chemical Industrial Main Business Overview
 - 13.1.5 Nippon Chemical Industrial Latest Developments
- 13.2 RASA INDUSTRIES
 - 13.2.1 RASA INDUSTRIES Company Information

13.2.2 RASA INDUSTRIES Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

13.2.3 RASA INDUSTRIES Semiconductor Grade Red Phosphorus Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 RASA INDUSTRIES Main Business Overview

13.2.5 RASA INDUSTRIES Latest Developments

13.3 Yamanaka Advanced Materials

13.3.1 Yamanaka Advanced Materials Company Information

13.3.2 Yamanaka Advanced Materials Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

13.3.3 Yamanaka Advanced Materials Semiconductor Grade Red Phosphorus Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Yamanaka Advanced Materials Main Business Overview

13.3.5 Yamanaka Advanced Materials Latest Developments

13.4 Azelis

13.4.1 Azelis Company Information

13.4.2 Azelis Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

13.4.3 Azelis Semiconductor Grade Red Phosphorus Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Azelis Main Business Overview

13.4.5 Azelis Latest Developments

13.5 Guizhou Wylton Jinglin Electronic

13.5.1 Guizhou Wylton Jinglin Electronic Company Information

13.5.2 Guizhou Wylton Jinglin Electronic Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

13.5.3 Guizhou Wylton Jinglin Electronic Semiconductor Grade Red Phosphorus Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Guizhou Wylton Jinglin Electronic Main Business Overview

13.5.5 Guizhou Wylton Jinglin Electronic Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Semiconductor Grade Red Phosphorus Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Semiconductor Grade Red Phosphorus Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of 6N

Table 4. Major Players of 6N5

Table 5. Major Players of 7N

Table 6. Major Players of Others

Table 7. Global Semiconductor Grade Red Phosphorus Sales by Type (2020-2025) & (Tons)

Table 8. Global Semiconductor Grade Red Phosphorus Sales Market Share by Type (2020-2025)

Table 9. Global Semiconductor Grade Red Phosphorus Revenue by Type (2020-2025) & (\$ million)

Table 10. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Type (2020-2025)

Table 11. Global Semiconductor Grade Red Phosphorus Sale Price by Type (2020-2025) & (US\$/Ton)

Table 12. Global Semiconductor Grade Red Phosphorus Sale by Application (2020-2025) & (Tons)

Table 13. Global Semiconductor Grade Red Phosphorus Sale Market Share by Application (2020-2025)

Table 14. Global Semiconductor Grade Red Phosphorus Revenue by Application (2020-2025) & (\$ million)

Table 15. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Application (2020-2025)

Table 16. Global Semiconductor Grade Red Phosphorus Sale Price by Application (2020-2025) & (US\$/Ton)

Table 17. Global Semiconductor Grade Red Phosphorus Sales by Company (2020-2025) & (Tons)

Table 18. Global Semiconductor Grade Red Phosphorus Sales Market Share by Company (2020-2025)

Table 19. Global Semiconductor Grade Red Phosphorus Revenue by Company (2020-2025) & (\$ millions)

Table 20. Global Semiconductor Grade Red Phosphorus Revenue Market Share by

Company (2020-2025)

Table 21. Global Semiconductor Grade Red Phosphorus Sale Price by Company (2020-2025) & (US\$/Ton)

Table 22. Key Manufacturers Semiconductor Grade Red Phosphorus Producing Area Distribution and Sales Area

Table 23. Players Semiconductor Grade Red Phosphorus Products Offered

Table 24. Semiconductor Grade Red Phosphorus Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 25. New Products and Potential Entrants

Table 26. Market M&A Activity & Strategy

Table 27. Global Semiconductor Grade Red Phosphorus Sales by Geographic Region (2020-2025) & (Tons)

Table 28. Global Semiconductor Grade Red Phosphorus Sales Market Share Geographic Region (2020-2025)

Table 29. Global Semiconductor Grade Red Phosphorus Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 30. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Geographic Region (2020-2025)

Table 31. Global Semiconductor Grade Red Phosphorus Sales by Country/Region (2020-2025) & (Tons)

Table 32. Global Semiconductor Grade Red Phosphorus Sales Market Share by Country/Region (2020-2025)

Table 33. Global Semiconductor Grade Red Phosphorus Revenue by Country/Region (2020-2025) & (\$ millions)

Table 34. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Country/Region (2020-2025)

Table 35. Americas Semiconductor Grade Red Phosphorus Sales by Country (2020-2025) & (Tons)

Table 36. Americas Semiconductor Grade Red Phosphorus Sales Market Share by Country (2020-2025)

Table 37. Americas Semiconductor Grade Red Phosphorus Revenue by Country (2020-2025) & (\$ millions)

Table 38. Americas Semiconductor Grade Red Phosphorus Sales by Type (2020-2025) & (Tons)

Table 39. Americas Semiconductor Grade Red Phosphorus Sales by Application (2020-2025) & (Tons)

Table 40. APAC Semiconductor Grade Red Phosphorus Sales by Region (2020-2025) & (Tons)

Table 41. APAC Semiconductor Grade Red Phosphorus Sales Market Share by Region

(2020-2025)

Table 42. APAC Semiconductor Grade Red Phosphorus Revenue by Region (2020-2025) & (\$ millions)

Table 43. APAC Semiconductor Grade Red Phosphorus Sales by Type (2020-2025) & (Tons)

Table 44. APAC Semiconductor Grade Red Phosphorus Sales by Application (2020-2025) & (Tons)

Table 45. Europe Semiconductor Grade Red Phosphorus Sales by Country (2020-2025) & (Tons)

Table 46. Europe Semiconductor Grade Red Phosphorus Revenue by Country (2020-2025) & (\$ millions)

Table 47. Europe Semiconductor Grade Red Phosphorus Sales by Type (2020-2025) & (Tons)

Table 48. Europe Semiconductor Grade Red Phosphorus Sales by Application (2020-2025) & (Tons)

Table 49. Middle East & Africa Semiconductor Grade Red Phosphorus Sales by Country (2020-2025) & (Tons)

Table 50. Middle East & Africa Semiconductor Grade Red Phosphorus Revenue Market Share by Country (2020-2025)

Table 51. Middle East & Africa Semiconductor Grade Red Phosphorus Sales by Type (2020-2025) & (Tons)

Table 52. Middle East & Africa Semiconductor Grade Red Phosphorus Sales by Application (2020-2025) & (Tons)

Table 53. Key Market Drivers & Growth Opportunities of Semiconductor Grade Red Phosphorus

Table 54. Key Market Challenges & Risks of Semiconductor Grade Red Phosphorus

Table 55. Key Industry Trends of Semiconductor Grade Red Phosphorus

Table 56. Semiconductor Grade Red Phosphorus Raw Material

Table 57. Key Suppliers of Raw Materials

Table 58. Semiconductor Grade Red Phosphorus Distributors List

Table 59. Semiconductor Grade Red Phosphorus Customer List

Table 60. Global Semiconductor Grade Red Phosphorus Sales Forecast by Region (2026-2031) & (Tons)

Table 61. Global Semiconductor Grade Red Phosphorus Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 62. Americas Semiconductor Grade Red Phosphorus Sales Forecast by Country (2026-2031) & (Tons)

Table 63. Americas Semiconductor Grade Red Phosphorus Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 64. APAC Semiconductor Grade Red Phosphorus Sales Forecast by Region (2026-2031) & (Tons)

Table 65. APAC Semiconductor Grade Red Phosphorus Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 66. Europe Semiconductor Grade Red Phosphorus Sales Forecast by Country (2026-2031) & (Tons)

Table 67. Europe Semiconductor Grade Red Phosphorus Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 68. Middle East & Africa Semiconductor Grade Red Phosphorus Sales Forecast by Country (2026-2031) & (Tons)

Table 69. Middle East & Africa Semiconductor Grade Red Phosphorus Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 70. Global Semiconductor Grade Red Phosphorus Sales Forecast by Type (2026-2031) & (Tons)

Table 71. Global Semiconductor Grade Red Phosphorus Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 72. Global Semiconductor Grade Red Phosphorus Sales Forecast by Application (2026-2031) & (Tons)

Table 73. Global Semiconductor Grade Red Phosphorus Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 74. Nippon Chemical Industrial Basic Information, Semiconductor Grade Red Phosphorus Manufacturing Base, Sales Area and Its Competitors

Table 75. Nippon Chemical Industrial Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

Table 76. Nippon Chemical Industrial Semiconductor Grade Red Phosphorus Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 77. Nippon Chemical Industrial Main Business

Table 78. Nippon Chemical Industrial Latest Developments

Table 79. RASA INDUSTRIES Basic Information, Semiconductor Grade Red Phosphorus Manufacturing Base, Sales Area and Its Competitors

Table 80. RASA INDUSTRIES Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

Table 81. RASA INDUSTRIES Semiconductor Grade Red Phosphorus Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 82. RASA INDUSTRIES Main Business

Table 83. RASA INDUSTRIES Latest Developments

Table 84. Yamanaka Advanced Materials Basic Information, Semiconductor Grade Red Phosphorus Manufacturing Base, Sales Area and Its Competitors

Table 85. Yamanaka Advanced Materials Semiconductor Grade Red Phosphorus

Product Portfolios and Specifications

Table 86. Yamanaka Advanced Materials Semiconductor Grade Red Phosphorus Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 87. Yamanaka Advanced Materials Main Business

Table 88. Yamanaka Advanced Materials Latest Developments

Table 89. Azelis Basic Information, Semiconductor Grade Red Phosphorus Manufacturing Base, Sales Area and Its Competitors

Table 90. Azelis Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

Table 91. Azelis Semiconductor Grade Red Phosphorus Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 92. Azelis Main Business

Table 93. Azelis Latest Developments

Table 94. Guizhou Wylton Jinglin Electronic Basic Information, Semiconductor Grade Red Phosphorus Manufacturing Base, Sales Area and Its Competitors

Table 95. Guizhou Wylton Jinglin Electronic Semiconductor Grade Red Phosphorus Product Portfolios and Specifications

Table 96. Guizhou Wylton Jinglin Electronic Semiconductor Grade Red Phosphorus Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2020-2025)

Table 97. Guizhou Wylton Jinglin Electronic Main Business

Table 98. Guizhou Wylton Jinglin Electronic Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Semiconductor Grade Red Phosphorus

Figure 2. Semiconductor Grade Red Phosphorus Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Semiconductor Grade Red Phosphorus Sales Growth Rate 2020-2031 (Tons)

Figure 7. Global Semiconductor Grade Red Phosphorus Revenue Growth Rate 2020-2031 (\$ millions)

Figure 8. Semiconductor Grade Red Phosphorus Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Figure 9. Semiconductor Grade Red Phosphorus Sales Market Share by Country/Region (2024)

Figure 10. Semiconductor Grade Red Phosphorus Sales Market Share by Country/Region (2020, 2024 & 2031)

Figure 11. Product Picture of 6N

Figure 12. Product Picture of 6N5

Figure 13. Product Picture of 7N

Figure 14. Product Picture of Others

Figure 15. Global Semiconductor Grade Red Phosphorus Sales Market Share by Type in 2025

Figure 16. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Type (2020-2025)

Figure 17. Semiconductor Grade Red Phosphorus Consumed in IDM Companies

Figure 18. Global Semiconductor Grade Red Phosphorus Market: IDM Companies (2020-2025) & (Tons)

Figure 19. Semiconductor Grade Red Phosphorus Consumed in Foundry Companies

Figure 20. Global Semiconductor Grade Red Phosphorus Market: Foundry Companies (2020-2025) & (Tons)

Figure 21. Global Semiconductor Grade Red Phosphorus Sale Market Share by Application (2024)

Figure 22. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Application in 2025

Figure 23. Semiconductor Grade Red Phosphorus Sales by Company in 2025 (Tons)

Figure 24. Global Semiconductor Grade Red Phosphorus Sales Market Share by

Company in 2025

Figure 25. Semiconductor Grade Red Phosphorus Revenue by Company in 2025 (\$ millions)

Figure 26. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Company in 2025

Figure 27. Global Semiconductor Grade Red Phosphorus Sales Market Share by Geographic Region (2020-2025)

Figure 28. Global Semiconductor Grade Red Phosphorus Revenue Market Share by Geographic Region in 2025

Figure 29. Americas Semiconductor Grade Red Phosphorus Sales 2020-2025 (Tons)

Figure 30. Americas Semiconductor Grade Red Phosphorus Revenue 2020-2025 (\$ millions)

Figure 31. APAC Semiconductor Grade Red Phosphorus Sales 2020-2025 (Tons)

Figure 32. APAC Semiconductor Grade Red Phosphorus Revenue 2020-2025 (\$ millions)

Figure 33. Europe Semiconductor Grade Red Phosphorus Sales 2020-2025 (Tons)

Figure 34. Europe Semiconductor Grade Red Phosphorus Revenue 2020-2025 (\$ millions)

Figure 35. Middle East & Africa Semiconductor Grade Red Phosphorus Sales 2020-2025 (Tons)

Figure 36. Middle East & Africa Semiconductor Grade Red Phosphorus Revenue 2020-2025 (\$ millions)

Figure 37. Americas Semiconductor Grade Red Phosphorus Sales Market Share by Country in 2025

Figure 38. Americas Semiconductor Grade Red Phosphorus Revenue Market Share by Country (2020-2025)

Figure 39. Americas Semiconductor Grade Red Phosphorus Sales Market Share by Type (2020-2025)

Figure 40. Americas Semiconductor Grade Red Phosphorus Sales Market Share by Application (2020-2025)

Figure 41. United States Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 42. Canada Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 43. Mexico Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 44. Brazil Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 45. APAC Semiconductor Grade Red Phosphorus Sales Market Share by

Region in 2025

Figure 46. APAC Semiconductor Grade Red Phosphorus Revenue Market Share by Region (2020-2025)

Figure 47. APAC Semiconductor Grade Red Phosphorus Sales Market Share by Type (2020-2025)

Figure 48. APAC Semiconductor Grade Red Phosphorus Sales Market Share by Application (2020-2025)

Figure 49. China Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 50. Japan Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 51. South Korea Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 52. Southeast Asia Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 53. India Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 54. Australia Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 55. China Taiwan Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 56. Europe Semiconductor Grade Red Phosphorus Sales Market Share by Country in 2025

Figure 57. Europe Semiconductor Grade Red Phosphorus Revenue Market Share by Country (2020-2025)

Figure 58. Europe Semiconductor Grade Red Phosphorus Sales Market Share by Type (2020-2025)

Figure 59. Europe Semiconductor Grade Red Phosphorus Sales Market Share by Application (2020-2025)

Figure 60. Germany Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 61. France Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 62. UK Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 63. Italy Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 64. Russia Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 65. Middle East & Africa Semiconductor Grade Red Phosphorus Sales Market Share by Country (2020-2025)

Figure 66. Middle East & Africa Semiconductor Grade Red Phosphorus Sales Market Share by Type (2020-2025)

Figure 67. Middle East & Africa Semiconductor Grade Red Phosphorus Sales Market Share by Application (2020-2025)

Figure 68. Egypt Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 69. South Africa Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 70. Israel Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 71. Turkey Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 72. GCC Countries Semiconductor Grade Red Phosphorus Revenue Growth 2020-2025 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Semiconductor Grade Red Phosphorus in 2025

Figure 74. Manufacturing Process Analysis of Semiconductor Grade Red Phosphorus

Figure 75. Industry Chain Structure of Semiconductor Grade Red Phosphorus

Figure 76. Channels of Distribution

Figure 77. Global Semiconductor Grade Red Phosphorus Sales Market Forecast by Region (2026-2031)

Figure 78. Global Semiconductor Grade Red Phosphorus Revenue Market Share Forecast by Region (2026-2031)

Figure 79. Global Semiconductor Grade Red Phosphorus Sales Market Share Forecast by Type (2026-2031)

Figure 80. Global Semiconductor Grade Red Phosphorus Revenue Market Share Forecast by Type (2026-2031)

Figure 81. Global Semiconductor Grade Red Phosphorus Sales Market Share Forecast by Application (2026-2031)

Figure 82. Global Semiconductor Grade Red Phosphorus Revenue Market Share Forecast by Application (2026-2031)

I would like to order

Product name: Global Semiconductor Grade Red Phosphorus Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/GBDEDC789AF4EN.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/GBDEDC789AF4EN.html>