

Global High-K Metal Precursors Market Growth 2026-2032

<https://marketpublishers.com/r/G165D51EAF8BEN.html>

Date: October 2026

Pages: 112

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

ID: G165D51EAF8BEN

Abstracts

The global High-K Metal Precursors market size is predicted to grow from US\$ 586 million in 2025 to US\$ 904 million in 2032; it is expected to grow at a CAGR of 6.4% from 2026 to 2032.

High-k metal precursors are organometallic or inorganic metal compounds used to fabricate high-dielectric-constant (high-k) metal oxide, metal nitride, or metal silicate thin films; they serve as critical precursor materials in semiconductor thin-film deposition processes. Typically acting as metal sources in Chemical Vapor Deposition (CVD), Plasma-Enhanced Chemical Vapor Deposition (PECVD), or Atomic Layer Deposition (ALD) processes, these materials form ultrathin functional layers with high dielectric properties on wafer surfaces through vapor-phase transport and surface reactions. In 2025, the global sales volume of high-k metal precursors reached 304 tons, with a production capacity of approximately 400 tons; the average selling price was \$1,970 per kilogram, and the average gross profit margin ranged from 40% to 50%.

The upstream segment of the industry chain primarily comprises suppliers of metal resources, organic ligands, and basic chemical raw materials. This includes raw materials such as metal compounds (hafnium, zirconium, aluminum, lanthanum, titanium, etc.) and organic ligands (alcohols, amines, β -diketones, etc.) that provide the foundational inputs for precursor synthesis. The midstream segment consists of manufacturers of high-k metal precursor materials responsible for the design, synthesis, precision purification, packaging, filling, and quality testing of these compounds. Their products—including hafnium-based, zirconium-based, and aluminum-based precursors—are utilized in ALD and CVD thin-film deposition processes. The downstream segment primarily involves semiconductor wafer manufacturers and advanced chip production facilities.

The restructuring of the global semiconductor supply chain and intensifying competition in advanced manufacturing have continuously elevated the importance of critical electronic materials. The United States, Europe, Japan, and South Korea are all leveraging industry support policies to build advanced manufacturing capabilities and secure supply chains for critical materials. In recent years, China has consistently promoted the localization of semiconductor materials, prioritizing breakthroughs in high-purity electronic chemicals, advanced thin-film materials, and semiconductor precursors, while encouraging domestic enterprises to increase R&D investment and accelerate industrialization. Meanwhile, the ongoing expansion of advanced-node production lines at global wafer fabs is driving an increase in ALD equipment installations, further boosting market demand for high-k metal precursors.

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

This Insight Report provides a comprehensive analysis of the global High-K Metal Precursors 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 High-K Metal Precursors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global High-K Metal Precursors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for High-K Metal Precursors 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 High-K Metal Precursors.

This report presents a comprehensive overview, market shares, and growth opportunities of High-K Metal Precursors market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Hafnium Precursors

Zirconium Precursors

Aluminum Precursors

Titanium Precursors

Lanthanum Precursors

Tantalum Precursors

Others

Segmentation by Deposition Process:

ALD Precursors

CVD Precursors

Others

Segmentation by Dielectric Properties:

8–15 K

15–30 K

>30 K

Segmentation by Application:

Logic Chips

Memory Chips

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.

Air Liquide

DNF

Nanmat Technology

Entegris

UP Chemical

Soulbrain

Hansol Chemical

SK Materials

Gelest

Merck KGaA

Yoke Technology

Hefei Andekeming

Nata Opto-electronic

Zenfan Technology

Anhui Botai

Key Questions Addressed in this Report

What is the 10-year outlook for the global High-K Metal Precursors market?

What factors are driving High-K Metal Precursors market growth, globally and by region?

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

How do High-K Metal Precursors market opportunities vary by end market size?

How does High-K Metal Precursors 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 High-K Metal Precursors Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for High-K Metal Precursors by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for High-K Metal Precursors by Country/Region, 2021, 2025 & 2032
- 2.2 High-K Metal Precursors Segment by Type
 - 2.2.1 Hafnium Precursors
 - 2.2.2 Zirconium Precursors
 - 2.2.3 Aluminum Precursors
 - 2.2.4 Titanium Precursors
 - 2.2.5 Lanthanum Precursors
 - 2.2.6 Tantalum Precursors
 - 2.2.7 Others
 - 2.2.8 High-K Metal Precursors Sales by Type
 - 2.2.8.1 Global High-K Metal Precursors Sales Market Share by Type (2021-2026)
 - 2.2.8.2 Global High-K Metal Precursors Revenue and Market Share by Type (2021-2026)
 - 2.2.8.3 Global High-K Metal Precursors Sale Price by Type (2021-2026)
- 2.3 High-K Metal Precursors Segment by Deposition Process
 - 2.3.1 ALD Precursors
 - 2.3.2 CVD Precursors
 - 2.3.3 Others
 - 2.3.4 High-K Metal Precursors Sales by Deposition Process

2.3.4.1 Global High-K Metal Precursors Sales Market Share by Deposition Process (2021-2026)

2.3.4.2 Global High-K Metal Precursors Revenue and Market Share by Deposition Process (2021-2026)

2.3.4.3 Global High-K Metal Precursors Sale Price by Deposition Process (2021-2026)

2.4 High-K Metal Precursors Segment by Dielectric Properties

2.4.1 8–15 K

2.4.2 15–30 K

2.4.3 >30 K

2.4.4 High-K Metal Precursors Sales by Dielectric Properties

2.4.4.1 Global High-K Metal Precursors Sales Market Share by Dielectric Properties (2021-2026)

2.4.4.2 Global High-K Metal Precursors Revenue and Market Share by Dielectric Properties (2021-2026)

2.4.4.3 Global High-K Metal Precursors Sale Price by Dielectric Properties (2021-2026)

2.5 High-K Metal Precursors Segment by Application

2.5.1 Logic Chips

2.5.2 Memory Chips

2.5.3 Others

2.5.4 High-K Metal Precursors Sales by Application

2.5.4.1 Global High-K Metal Precursors Sales Market Share by Application (2021-2026)

2.5.4.2 Global High-K Metal Precursors Revenue and Market Share by Application (2021-2026)

2.5.4.3 Global High-K Metal Precursors Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global High-K Metal Precursors Breakdown Data by Company

3.1.1 Global High-K Metal Precursors Annual Sales by Company (2021-2026)

3.1.2 Global High-K Metal Precursors Sales Market Share by Company (2021-2026)

3.2 Global High-K Metal Precursors Annual Revenue by Company (2021-2026)

3.2.1 Global High-K Metal Precursors Revenue by Company (2021-2026)

3.2.2 Global High-K Metal Precursors Revenue Market Share by Company (2021-2026)

3.3 Global High-K Metal Precursors Sale Price by Company

3.4 Key Manufacturers High-K Metal Precursors Producing Area Distribution, Sales

Area, Product Type

- 3.4.1 Key Manufacturers High-K Metal Precursors Product Location Distribution
- 3.4.2 Players High-K Metal Precursors 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 HIGH-K METAL PRECURSORS BY GEOGRAPHIC REGION

- 4.1 World Historic High-K Metal Precursors Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global High-K Metal Precursors Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global High-K Metal Precursors Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic High-K Metal Precursors Market Size by Country/Region (2021-2026)
 - 4.2.1 Global High-K Metal Precursors Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global High-K Metal Precursors Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas High-K Metal Precursors Sales Growth
- 4.4 APAC High-K Metal Precursors Sales Growth
- 4.5 Europe High-K Metal Precursors Sales Growth
- 4.6 Middle East & Africa High-K Metal Precursors Sales Growth

5 AMERICAS

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

6 APAC

6.1 APAC High-K Metal Precursors Sales by Region

6.1.1 APAC High-K Metal Precursors Sales by Region (2021-2026)

6.1.2 APAC High-K Metal Precursors Revenue by Region (2021-2026)

6.2 APAC High-K Metal Precursors Sales by Type (2021-2026)

6.3 APAC High-K Metal Precursors 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 High-K Metal Precursors by Country

7.1.1 Europe High-K Metal Precursors Sales by Country (2021-2026)

7.1.2 Europe High-K Metal Precursors Revenue by Country (2021-2026)

7.2 Europe High-K Metal Precursors Sales by Type (2021-2026)

7.3 Europe High-K Metal Precursors 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 High-K Metal Precursors by Country

8.1.1 Middle East & Africa High-K Metal Precursors Sales by Country (2021-2026)

8.1.2 Middle East & Africa High-K Metal Precursors Revenue by Country (2021-2026)

8.2 Middle East & Africa High-K Metal Precursors Sales by Type (2021-2026)

8.3 Middle East & Africa High-K Metal Precursors 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 High-K Metal Precursors

10.3 Manufacturing Process Analysis of High-K Metal Precursors

10.4 Industry Chain Structure of High-K Metal Precursors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 High-K Metal Precursors Distributors

11.3 High-K Metal Precursors Customer

12 WORLD FORECAST REVIEW FOR HIGH-K METAL PRECURSORS BY GEOGRAPHIC REGION

12.1 Global High-K Metal Precursors Market Size Forecast by Region

12.1.1 Global High-K Metal Precursors Forecast by Region (2027-2032)

12.1.2 Global High-K Metal Precursors 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 High-K Metal Precursors Forecast by Type (2027-2032)

12.7 Global High-K Metal Precursors Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Air Liquide

13.1.1 Air Liquide Company Information

13.1.2 Air Liquide High-K Metal Precursors Product Portfolios and Specifications

13.1.3 Air Liquide High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Air Liquide Main Business Overview

13.1.5 Air Liquide Latest Developments

13.2 DNF

13.2.1 DNF Company Information

13.2.2 DNF High-K Metal Precursors Product Portfolios and Specifications

13.2.3 DNF High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 DNF Main Business Overview

13.2.5 DNF Latest Developments

13.3 Nanmat Technology

13.3.1 Nanmat Technology Company Information

13.3.2 Nanmat Technology High-K Metal Precursors Product Portfolios and Specifications

13.3.3 Nanmat Technology High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Nanmat Technology Main Business Overview

13.3.5 Nanmat Technology Latest Developments

13.4 Entegris

13.4.1 Entegris Company Information

13.4.2 Entegris High-K Metal Precursors Product Portfolios and Specifications

13.4.3 Entegris High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Entegris Main Business Overview

13.4.5 Entegris Latest Developments

13.5 UP Chemical

13.5.1 UP Chemical Company Information

13.5.2 UP Chemical High-K Metal Precursors Product Portfolios and Specifications

13.5.3 UP Chemical High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 UP Chemical Main Business Overview

13.5.5 UP Chemical Latest Developments

13.6 Soulbrain

13.6.1 Soulbrain Company Information

13.6.2 Soulbrain High-K Metal Precursors Product Portfolios and Specifications

13.6.3 Soulbrain High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Soulbrain Main Business Overview

13.6.5 Soulbrain Latest Developments

13.7 Hansol Chemical

13.7.1 Hansol Chemical Company Information

13.7.2 Hansol Chemical High-K Metal Precursors Product Portfolios and Specifications

13.7.3 Hansol Chemical High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Hansol Chemical Main Business Overview

13.7.5 Hansol Chemical Latest Developments

13.8 SK Materials

13.8.1 SK Materials Company Information

13.8.2 SK Materials High-K Metal Precursors Product Portfolios and Specifications

13.8.3 SK Materials High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 SK Materials Main Business Overview

13.8.5 SK Materials Latest Developments

13.9 Gelest

13.9.1 Gelest Company Information

13.9.2 Gelest High-K Metal Precursors Product Portfolios and Specifications

13.9.3 Gelest High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Gelest Main Business Overview

13.9.5 Gelest Latest Developments

13.10 Merck KGaA

13.10.1 Merck KGaA Company Information

13.10.2 Merck KGaA High-K Metal Precursors Product Portfolios and Specifications

13.10.3 Merck KGaA High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Merck KGaA Main Business Overview

13.10.5 Merck KGaA Latest Developments

13.11 Yoke Technology

13.11.1 Yoke Technology Company Information

13.11.2 Yoke Technology High-K Metal Precursors Product Portfolios and Specifications

13.11.3 Yoke Technology High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Yoke Technology Main Business Overview

- 13.11.5 Yoke Technology Latest Developments
- 13.12 Hefei Andekeming
 - 13.12.1 Hefei Andekeming Company Information
 - 13.12.2 Hefei Andekeming High-K Metal Precursors Product Portfolios and Specifications
 - 13.12.3 Hefei Andekeming High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Hefei Andekeming Main Business Overview
 - 13.12.5 Hefei Andekeming Latest Developments
- 13.13 Nata Opto-electronic
 - 13.13.1 Nata Opto-electronic Company Information
 - 13.13.2 Nata Opto-electronic High-K Metal Precursors Product Portfolios and Specifications
 - 13.13.3 Nata Opto-electronic High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.13.4 Nata Opto-electronic Main Business Overview
 - 13.13.5 Nata Opto-electronic Latest Developments
- 13.14 Zenfan Technology
 - 13.14.1 Zenfan Technology Company Information
 - 13.14.2 Zenfan Technology High-K Metal Precursors Product Portfolios and Specifications
 - 13.14.3 Zenfan Technology High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.14.4 Zenfan Technology Main Business Overview
 - 13.14.5 Zenfan Technology Latest Developments
- 13.15 Anhui Botai
 - 13.15.1 Anhui Botai Company Information
 - 13.15.2 Anhui Botai High-K Metal Precursors Product Portfolios and Specifications
 - 13.15.3 Anhui Botai High-K Metal Precursors Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.15.4 Anhui Botai Main Business Overview
 - 13.15.5 Anhui Botai Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. High-K Metal Precursors Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. High-K Metal Precursors Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Hafnium Precursors

Table 4. Major Players of Zirconium Precursors

Table 5. Major Players of Aluminum Precursors

Table 6. Major Players of Titanium Precursors

Table 7. Major Players of Lanthanum Precursors

Table 8. Major Players of Tantalum Precursors

Table 9. Major Players of Others

Table 10. Global High-K Metal Precursors Sales by Type (2021-2026) & (Tons)

Table 11. Global High-K Metal Precursors Sales Market Share by Type (2021-2026)

Table 12. Global High-K Metal Precursors Revenue by Type (2021-2026) & (\$ million)

Table 13. Global High-K Metal Precursors Revenue Market Share by Type (2021-2026)

Table 14. Global High-K Metal Precursors Sale Price by Type (2021-2026) & (US\$/kg)

Table 15. Major Players of ALD Precursors

Table 16. Major Players of CVD Precursors

Table 17. Major Players of Others

Table 18. Global High-K Metal Precursors Sales by Deposition Process (2021-2026) & (Tons)

Table 19. Global High-K Metal Precursors Sales Market Share by Deposition Process (2021-2026)

Table 20. Global High-K Metal Precursors Revenue by Deposition Process (2021-2026) & (\$ million)

Table 21. Global High-K Metal Precursors Revenue Market Share by Deposition Process (2021-2026)

Table 22. Global High-K Metal Precursors Sale Price by Deposition Process (2021-2026) & (US\$/kg)

Table 23. Major Players of 8–15 K

Table 24. Major Players of 15–30 K

Table 25. Major Players of >30 K

Table 26. Global High-K Metal Precursors Sales by Dielectric Properties (2021-2026) & (Tons)

Table 27. Global High-K Metal Precursors Sales Market Share by Dielectric Properties

(2021-2026)

Table 28. Global High-K Metal Precursors Revenue by Dielectric Properties (2021-2026) & (\$ million)

Table 29. Global High-K Metal Precursors Revenue Market Share by Dielectric Properties (2021-2026)

Table 30. Global High-K Metal Precursors Sale Price by Dielectric Properties (2021-2026) & (US\$/kg)

Table 31. Global High-K Metal Precursors Sale by Application (2021-2026) & (Tons)

Table 32. Global High-K Metal Precursors Sale Market Share by Application (2021-2026)

Table 33. Global High-K Metal Precursors Revenue by Application (2021-2026) & (\$ million)

Table 34. Global High-K Metal Precursors Revenue Market Share by Application (2021-2026)

Table 35. Global High-K Metal Precursors Sale Price by Application (2021-2026) & (US\$/kg)

Table 36. Global High-K Metal Precursors Sales by Company (2021-2026) & (Tons)

Table 37. Global High-K Metal Precursors Sales Market Share by Company (2021-2026)

Table 38. Global High-K Metal Precursors Revenue by Company (2021-2026) & (\$ millions)

Table 39. Global High-K Metal Precursors Revenue Market Share by Company (2021-2026)

Table 40. Global High-K Metal Precursors Sale Price by Company (2021-2026) & (US\$/kg)

Table 41. Key Manufacturers High-K Metal Precursors Producing Area Distribution and Sales Area

Table 42. Players High-K Metal Precursors Products Offered

Table 43. High-K Metal Precursors Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 44. New Products and Potential Entrants

Table 45. Market M&A Activity & Strategy

Table 46. Global High-K Metal Precursors Sales by Geographic Region (2021-2026) & (Tons)

Table 47. Global High-K Metal Precursors Sales Market Share Geographic Region (2021-2026)

Table 48. Global High-K Metal Precursors Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 49. Global High-K Metal Precursors Revenue Market Share by Geographic

Region (2021-2026)

Table 50. Global High-K Metal Precursors Sales by Country/Region (2021-2026) & (Tons)

Table 51. Global High-K Metal Precursors Sales Market Share by Country/Region (2021-2026)

Table 52. Global High-K Metal Precursors Revenue by Country/Region (2021-2026) & (\$ millions)

Table 53. Global High-K Metal Precursors Revenue Market Share by Country/Region (2021-2026)

Table 54. Americas High-K Metal Precursors Sales by Country (2021-2026) & (Tons)

Table 55. Americas High-K Metal Precursors Sales Market Share by Country (2021-2026)

Table 56. Americas High-K Metal Precursors Revenue by Country (2021-2026) & (\$ millions)

Table 57. Americas High-K Metal Precursors Sales by Type (2021-2026) & (Tons)

Table 58. Americas High-K Metal Precursors Sales by Application (2021-2026) & (Tons)

Table 59. APAC High-K Metal Precursors Sales by Region (2021-2026) & (Tons)

Table 60. APAC High-K Metal Precursors Sales Market Share by Region (2021-2026)

Table 61. APAC High-K Metal Precursors Revenue by Region (2021-2026) & (\$ millions)

Table 62. APAC High-K Metal Precursors Sales by Type (2021-2026) & (Tons)

Table 63. APAC High-K Metal Precursors Sales by Application (2021-2026) & (Tons)

Table 64. Europe High-K Metal Precursors Sales by Country (2021-2026) & (Tons)

Table 65. Europe High-K Metal Precursors Revenue by Country (2021-2026) & (\$ millions)

Table 66. Europe High-K Metal Precursors Sales by Type (2021-2026) & (Tons)

Table 67. Europe High-K Metal Precursors Sales by Application (2021-2026) & (Tons)

Table 68. Middle East & Africa High-K Metal Precursors Sales by Country (2021-2026) & (Tons)

Table 69. Middle East & Africa High-K Metal Precursors Revenue Market Share by Country (2021-2026)

Table 70. Middle East & Africa High-K Metal Precursors Sales by Type (2021-2026) & (Tons)

Table 71. Middle East & Africa High-K Metal Precursors Sales by Application (2021-2026) & (Tons)

Table 72. Key Market Drivers & Growth Opportunities of High-K Metal Precursors

Table 73. Key Market Challenges & Risks of High-K Metal Precursors

Table 74. Key Industry Trends of High-K Metal Precursors

Table 75. High-K Metal Precursors Raw Material

Table 76. Key Suppliers of Raw Materials
Table 77. High-K Metal Precursors Distributors List
Table 78. High-K Metal Precursors Customer List
Table 79. Global High-K Metal Precursors Sales Forecast by Region (2027-2032) & (Tons)
Table 80. Global High-K Metal Precursors Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 81. Americas High-K Metal Precursors Sales Forecast by Country (2027-2032) & (Tons)
Table 82. Americas High-K Metal Precursors Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 83. APAC High-K Metal Precursors Sales Forecast by Region (2027-2032) & (Tons)
Table 84. APAC High-K Metal Precursors Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
Table 85. Europe High-K Metal Precursors Sales Forecast by Country (2027-2032) & (Tons)
Table 86. Europe High-K Metal Precursors Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 87. Middle East & Africa High-K Metal Precursors Sales Forecast by Country (2027-2032) & (Tons)
Table 88. Middle East & Africa High-K Metal Precursors Revenue Forecast by Country (2027-2032) & (\$ millions)
Table 89. Global High-K Metal Precursors Sales Forecast by Type (2027-2032) & (Tons)
Table 90. Global High-K Metal Precursors Revenue Forecast by Type (2027-2032) & (\$ millions)
Table 91. Global High-K Metal Precursors Sales Forecast by Application (2027-2032) & (Tons)
Table 92. Global High-K Metal Precursors Revenue Forecast by Application (2027-2032) & (\$ millions)
Table 93. Air Liquide Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors
Table 94. Air Liquide High-K Metal Precursors Product Portfolios and Specifications
Table 95. Air Liquide High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)
Table 96. Air Liquide Main Business
Table 97. Air Liquide Latest Developments
Table 98. DNF Basic Information, High-K Metal Precursors Manufacturing Base, Sales

Area and Its Competitors

Table 99. DNF High-K Metal Precursors Product Portfolios and Specifications

Table 100. DNF High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 101. DNF Main Business

Table 102. DNF Latest Developments

Table 103. Nanmat Technology Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 104. Nanmat Technology High-K Metal Precursors Product Portfolios and Specifications

Table 105. Nanmat Technology High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 106. Nanmat Technology Main Business

Table 107. Nanmat Technology Latest Developments

Table 108. Entegris Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 109. Entegris High-K Metal Precursors Product Portfolios and Specifications

Table 110. Entegris High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 111. Entegris Main Business

Table 112. Entegris Latest Developments

Table 113. UP Chemical Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 114. UP Chemical High-K Metal Precursors Product Portfolios and Specifications

Table 115. UP Chemical High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 116. UP Chemical Main Business

Table 117. UP Chemical Latest Developments

Table 118. Soulbrain Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 119. Soulbrain High-K Metal Precursors Product Portfolios and Specifications

Table 120. Soulbrain High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 121. Soulbrain Main Business

Table 122. Soulbrain Latest Developments

Table 123. Hansol Chemical Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 124. Hansol Chemical High-K Metal Precursors Product Portfolios and Specifications

Table 125. Hansol Chemical High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 126. Hansol Chemical Main Business

Table 127. Hansol Chemical Latest Developments

Table 128. SK Materials Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 129. SK Materials High-K Metal Precursors Product Portfolios and Specifications

Table 130. SK Materials High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 131. SK Materials Main Business

Table 132. SK Materials Latest Developments

Table 133. Gelest Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 134. Gelest High-K Metal Precursors Product Portfolios and Specifications

Table 135. Gelest High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 136. Gelest Main Business

Table 137. Gelest Latest Developments

Table 138. Merck KGaA Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 139. Merck KGaA High-K Metal Precursors Product Portfolios and Specifications

Table 140. Merck KGaA High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 141. Merck KGaA Main Business

Table 142. Merck KGaA Latest Developments

Table 143. Yoke Technology Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 144. Yoke Technology High-K Metal Precursors Product Portfolios and Specifications

Table 145. Yoke Technology High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 146. Yoke Technology Main Business

Table 147. Yoke Technology Latest Developments

Table 148. Hefei Andekeming Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors

Table 149. Hefei Andekeming High-K Metal Precursors Product Portfolios and Specifications

Table 150. Hefei Andekeming High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)

Table 151. Hefei Andekeming Main Business
Table 152. Hefei Andekeming Latest Developments
Table 153. Nata Opto-electronic Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors
Table 154. Nata Opto-electronic High-K Metal Precursors Product Portfolios and Specifications
Table 155. Nata Opto-electronic High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)
Table 156. Nata Opto-electronic Main Business
Table 157. Nata Opto-electronic Latest Developments
Table 158. Zenfan Technology Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors
Table 159. Zenfan Technology High-K Metal Precursors Product Portfolios and Specifications
Table 160. Zenfan Technology High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)
Table 161. Zenfan Technology Main Business
Table 162. Zenfan Technology Latest Developments
Table 163. Anhui Botai Basic Information, High-K Metal Precursors Manufacturing Base, Sales Area and Its Competitors
Table 164. Anhui Botai High-K Metal Precursors Product Portfolios and Specifications
Table 165. Anhui Botai High-K Metal Precursors Sales (Tons), Revenue (\$ Million), Price (US\$/kg) and Gross Margin (2021-2026)
Table 166. Anhui Botai Main Business
Table 167. Anhui Botai Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of High-K Metal Precursors
- Figure 2. High-K Metal Precursors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global High-K Metal Precursors Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global High-K Metal Precursors Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. High-K Metal Precursors Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. High-K Metal Precursors Sales Market Share by Country/Region (2025)
- Figure 10. High-K Metal Precursors Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Hafnium Precursors
- Figure 12. Product Picture of Zirconium Precursors
- Figure 13. Product Picture of Aluminum Precursors
- Figure 14. Product Picture of Titanium Precursors
- Figure 15. Product Picture of Lanthanum Precursors
- Figure 16. Product Picture of Tantalum Precursors
- Figure 17. Product Picture of Others
- Figure 18. Global High-K Metal Precursors Sales Market Share by Type in 2026
- Figure 19. Global High-K Metal Precursors Revenue Market Share by Type (2021-2026)
- Figure 20. Product Picture of ALD Precursors
- Figure 21. Product Picture of CVD Precursors
- Figure 22. Product Picture of Others
- Figure 23. Global High-K Metal Precursors Sales Market Share by Deposition Process in 2026
- Figure 24. Global High-K Metal Precursors Revenue Market Share by Deposition Process (2021-2026)
- Figure 25. Product Picture of 8–15 K
- Figure 26. Product Picture of 15–30 K
- Figure 27. Product Picture of >30 K
- Figure 28. Global High-K Metal Precursors Sales Market Share by Dielectric Properties in 2026
- Figure 29. Global High-K Metal Precursors Revenue Market Share by Dielectric Properties (2021-2026)

Figure 30. High-K Metal Precursors Consumed in Logic Chips

Figure 31. Global High-K Metal Precursors Market: Logic Chips (2021-2026) & (Tons)

Figure 32. High-K Metal Precursors Consumed in Memory Chips

Figure 33. Global High-K Metal Precursors Market: Memory Chips (2021-2026) & (Tons)

Figure 34. High-K Metal Precursors Consumed in Others

Figure 35. Global High-K Metal Precursors Market: Others (2021-2026) & (Tons)

Figure 36. Global High-K Metal Precursors Sale Market Share by Application (2025)

Figure 37. Global High-K Metal Precursors Revenue Market Share by Application in 2025

Figure 38. High-K Metal Precursors Sales by Company in 2025 (Tons)

Figure 39. Global High-K Metal Precursors Sales Market Share by Company in 2025

Figure 40. High-K Metal Precursors Revenue by Company in 2025 (\$ millions)

Figure 41. Global High-K Metal Precursors Revenue Market Share by Company in 2025

Figure 42. Global High-K Metal Precursors Sales Market Share by Geographic Region (2021-2026)

Figure 43. Global High-K Metal Precursors Revenue Market Share by Geographic Region in 2025

Figure 44. Americas High-K Metal Precursors Sales 2021-2026 (Tons)

Figure 45. Americas High-K Metal Precursors Revenue 2021-2026 (\$ millions)

Figure 46. APAC High-K Metal Precursors Sales 2021-2026 (Tons)

Figure 47. APAC High-K Metal Precursors Revenue 2021-2026 (\$ millions)

Figure 48. Europe High-K Metal Precursors Sales 2021-2026 (Tons)

Figure 49. Europe High-K Metal Precursors Revenue 2021-2026 (\$ millions)

Figure 50. Middle East & Africa High-K Metal Precursors Sales 2021-2026 (Tons)

Figure 51. Middle East & Africa High-K Metal Precursors Revenue 2021-2026 (\$ millions)

Figure 52. Americas High-K Metal Precursors Sales Market Share by Country in 2025

Figure 53. Americas High-K Metal Precursors Revenue Market Share by Country (2021-2026)

Figure 54. Americas High-K Metal Precursors Sales Market Share by Type (2021-2026)

Figure 55. Americas High-K Metal Precursors Sales Market Share by Application (2021-2026)

Figure 56. United States High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 57. Canada High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 58. Mexico High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 59. Brazil High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 60. APAC High-K Metal Precursors Sales Market Share by Region in 2025

Figure 61. APAC High-K Metal Precursors Revenue Market Share by Region (2021-2026)

Figure 62. APAC High-K Metal Precursors Sales Market Share by Type (2021-2026)

Figure 63. APAC High-K Metal Precursors Sales Market Share by Application (2021-2026)

Figure 64. China High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 65. Japan High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 66. South Korea High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 67. Southeast Asia High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 68. India High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 69. Australia High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 70. China Taiwan High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 71. Europe High-K Metal Precursors Sales Market Share by Country in 2025

Figure 72. Europe High-K Metal Precursors Revenue Market Share by Country (2021-2026)

Figure 73. Europe High-K Metal Precursors Sales Market Share by Type (2021-2026)

Figure 74. Europe High-K Metal Precursors Sales Market Share by Application (2021-2026)

Figure 75. Germany High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 76. France High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 77. UK High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 78. Italy High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 79. Russia High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 80. Middle East & Africa High-K Metal Precursors Sales Market Share by Country (2021-2026)

Figure 81. Middle East & Africa High-K Metal Precursors Sales Market Share by Type (2021-2026)

Figure 82. Middle East & Africa High-K Metal Precursors Sales Market Share by Application (2021-2026)

Figure 83. Egypt High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 84. South Africa High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 85. Israel High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 86. Turkey High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 87. GCC Countries High-K Metal Precursors Revenue Growth 2021-2026 (\$ millions)

Figure 88. Manufacturing Cost Structure Analysis of High-K Metal Precursors in 2026

Figure 89. Manufacturing Process Analysis of High-K Metal Precursors

Figure 90. Industry Chain Structure of High-K Metal Precursors

Figure 91. Channels of Distribution

Figure 92. Global High-K Metal Precursors Sales Market Forecast by Region
(2027-2032)

Figure 93. Global High-K Metal Precursors Revenue Market Share Forecast by Region
(2027-2032)

Figure 94. Global High-K Metal Precursors Sales Market Share Forecast by Type
(2027-2032)

Figure 95. Global High-K Metal Precursors Revenue Market Share Forecast by Type
(2027-2032)

Figure 96. Global High-K Metal Precursors Sales Market Share Forecast by Application
(2027-2032)

Figure 97. Global High-K Metal Precursors Revenue Market Share Forecast by
Application (2027-2032)

I would like to order

Product name: Global High-K Metal Precursors Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G165D51EAF8BEN.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/G165D51EAF8BEN.html>