

Global ALD and CVD Precursors for Semiconductor Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GE0EE5F0DEE1EN.html>

Date: October 2023

Pages: 120

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

ID: GE0EE5F0DEE1EN

Abstracts

The global ALD and CVD Precursors for Semiconductor market size is expected to reach \$ 2883 million by 2029, rising at a market growth of 8.7% CAGR during the forecast period (2023-2029).

Global key players of ALD and CVD Precursors for Semiconductor include Merck, Air Liquide and SK Material, etc. The top three players hold a share over 70%. Asia (excluding China) is the largest market, has a share about 60%. In terms of product type, Silicon Precursor is the largest segment, occupied for a share of about 35%, and in terms of application, Integrated Circuit Chip has a share about 70 percent.

ALD and CVD Precursors for Semiconductor usually refer to highly volatile organometallic compounds and metal halides with a purity of over 99.9999% (6N), which are the core source materials for the preparation of high-quality thin-film materials in the modern electronics industry.

This report studies the global ALD and CVD Precursors for Semiconductor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for ALD and CVD Precursors for Semiconductor, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of ALD and CVD Precursors for Semiconductor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global ALD and CVD Precursors for Semiconductor total production and demand, 2018-2029, (MT)

Global ALD and CVD Precursors for Semiconductor total production value, 2018-2029, (USD Million)

Global ALD and CVD Precursors for Semiconductor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (MT)

Global ALD and CVD Precursors for Semiconductor consumption by region & country, CAGR, 2018-2029 & (MT)

U.S. VS China: ALD and CVD Precursors for Semiconductor domestic production, consumption, key domestic manufacturers and share

Global ALD and CVD Precursors for Semiconductor production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (MT)

Global ALD and CVD Precursors for Semiconductor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (MT)

Global ALD and CVD Precursors for Semiconductor production by Application production, value, CAGR, 2018-2029, (USD Million) & (MT).

This reports profiles key players in the global ALD and CVD Precursors for Semiconductor market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Merck, Air Liquide, SK Material, DNF, Yoke (UP Chemical), Soulbrain, Hansol Chemical, ADEKA and Dupont, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World ALD and CVD Precursors for Semiconductor market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MT) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global ALD and CVD Precursors for Semiconductor Market, By Region:

%II%United States

%II%China

%II%Europe

%II%Japan

%II%South Korea

%II%ASEAN

%II%India

%II%Rest of World

Global ALD and CVD Precursors for Semiconductor Market, Segmentation by Type

%II%Silicon Precursor

%II%Titanium Precursor

%II%Zirconium Precursor

%II%Others

Global ALD and CVD Precursors for Semiconductor Market, Segmentation by Application

%II%Integrated Circuit Chip

%II%Flat Panel Display

%II%Solar Photovoltaic

%II%others

Companies Profiled:

%II%Merck

%II%Air Liquide

%II%SK Material

%II%DNF

%II%Yoke (UP Chemical)

%II%Soulbrain

%II%Hansol Chemical

%II%ADEKA

%II%Dupont

%II%Nanmat

%II%Engtegris

%II%TANAKA

%II%Botai

%II%Strem Chemicals

%II%Nata Chem

%II%Gelest

%II%Adchem-tech

Key Questions Answered

1. How big is the global ALD and CVD Precursors for Semiconductor market?
2. What is the demand of the global ALD and CVD Precursors for Semiconductor market?
3. What is the year over year growth of the global ALD and CVD Precursors for Semiconductor market?
4. What is the production and production value of the global ALD and CVD Precursors for Semiconductor market?
5. Who are the key producers in the global ALD and CVD Precursors for Semiconductor market?

Contents

1 SUPPLY SUMMARY

1.1 ALD and CVD Precursors for Semiconductor Introduction

1.2 World ALD and CVD Precursors for Semiconductor Supply & Forecast

1.2.1 World ALD and CVD Precursors for Semiconductor Production Value (2018 & 2022 & 2029)

1.2.2 World ALD and CVD Precursors for Semiconductor Production (2018-2029)

1.2.3 World ALD and CVD Precursors for Semiconductor Pricing Trends (2018-2029)

1.3 World ALD and CVD Precursors for Semiconductor Production by Region (Based on Production Site)

1.3.1 World ALD and CVD Precursors for Semiconductor Production Value by Region (2018-2029)

1.3.2 World ALD and CVD Precursors for Semiconductor Production by Region (2018-2029)

1.3.3 World ALD and CVD Precursors for Semiconductor Average Price by Region (2018-2029)

1.3.4 North America ALD and CVD Precursors for Semiconductor Production (2018-2029)

1.3.5 Europe ALD and CVD Precursors for Semiconductor Production (2018-2029)

1.3.6 China ALD and CVD Precursors for Semiconductor Production (2018-2029)

1.3.7 Japan ALD and CVD Precursors for Semiconductor Production (2018-2029)

1.3.8 South Korea ALD and CVD Precursors for Semiconductor Production (2018-2029)

1.4 Market Drivers, Restraints and Trends

1.4.1 ALD and CVD Precursors for Semiconductor Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 ALD and CVD Precursors for Semiconductor Major Market Trends

2 DEMAND SUMMARY

2.1 World ALD and CVD Precursors for Semiconductor Demand (2018-2029)

2.2 World ALD and CVD Precursors for Semiconductor Consumption by Region

2.2.1 World ALD and CVD Precursors for Semiconductor Consumption by Region (2018-2023)

2.2.2 World ALD and CVD Precursors for Semiconductor Consumption Forecast by Region (2024-2029)

2.3 United States ALD and CVD Precursors for Semiconductor Consumption

(2018-2029)

2.4 China ALD and CVD Precursors for Semiconductor Consumption (2018-2029)

2.5 Europe ALD and CVD Precursors for Semiconductor Consumption (2018-2029)

2.6 Japan ALD and CVD Precursors for Semiconductor Consumption (2018-2029)

2.7 South Korea ALD and CVD Precursors for Semiconductor Consumption
(2018-2029)

2.8 ASEAN ALD and CVD Precursors for Semiconductor Consumption (2018-2029)

2.9 India ALD and CVD Precursors for Semiconductor Consumption (2018-2029)

3 WORLD ALD AND CVD PRECURSORS FOR SEMICONDUCTOR MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World ALD and CVD Precursors for Semiconductor Production Value by
Manufacturer (2018-2023)

3.2 World ALD and CVD Precursors for Semiconductor Production by Manufacturer
(2018-2023)

3.3 World ALD and CVD Precursors for Semiconductor Average Price by Manufacturer
(2018-2023)

3.4 ALD and CVD Precursors for Semiconductor Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global ALD and CVD Precursors for Semiconductor Industry Rank of Major
Manufacturers

3.5.2 Global Concentration Ratios (CR4) for ALD and CVD Precursors for
Semiconductor in 2022

3.5.3 Global Concentration Ratios (CR8) for ALD and CVD Precursors for
Semiconductor in 2022

3.6 ALD and CVD Precursors for Semiconductor Market: Overall Company Footprint
Analysis

3.6.1 ALD and CVD Precursors for Semiconductor Market: Region Footprint

3.6.2 ALD and CVD Precursors for Semiconductor Market: Company Product Type
Footprint

3.6.3 ALD and CVD Precursors for Semiconductor Market: Company Product
Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: ALD and CVD Precursors for Semiconductor Production Value Comparison

4.1.1 United States VS China: ALD and CVD Precursors for Semiconductor Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: ALD and CVD Precursors for Semiconductor Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: ALD and CVD Precursors for Semiconductor Production Comparison

4.2.1 United States VS China: ALD and CVD Precursors for Semiconductor Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: ALD and CVD Precursors for Semiconductor Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: ALD and CVD Precursors for Semiconductor Consumption Comparison

4.3.1 United States VS China: ALD and CVD Precursors for Semiconductor Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: ALD and CVD Precursors for Semiconductor Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based ALD and CVD Precursors for Semiconductor Manufacturers and Market Share, 2018-2023

4.4.1 United States Based ALD and CVD Precursors for Semiconductor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value (2018-2023)

4.4.3 United States Based Manufacturers ALD and CVD Precursors for Semiconductor Production (2018-2023)

4.5 China Based ALD and CVD Precursors for Semiconductor Manufacturers and Market Share

4.5.1 China Based ALD and CVD Precursors for Semiconductor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value (2018-2023)

4.5.3 China Based Manufacturers ALD and CVD Precursors for Semiconductor Production (2018-2023)

4.6 Rest of World Based ALD and CVD Precursors for Semiconductor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based ALD and CVD Precursors for Semiconductor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers ALD and CVD Precursors for Semiconductor Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World ALD and CVD Precursors for Semiconductor Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Silicon Precursor

5.2.2 Titanium Precursor

5.2.3 Zirconium Precursor

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World ALD and CVD Precursors for Semiconductor Production by Type (2018-2029)

5.3.2 World ALD and CVD Precursors for Semiconductor Production Value by Type (2018-2029)

5.3.3 World ALD and CVD Precursors for Semiconductor Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World ALD and CVD Precursors for Semiconductor Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Integrated Circuit Chip

6.2.2 Flat Panel Display

6.2.3 Solar Photovoltaic

6.2.4 others

6.3 Market Segment by Application

6.3.1 World ALD and CVD Precursors for Semiconductor Production by Application (2018-2029)

6.3.2 World ALD and CVD Precursors for Semiconductor Production Value by Application (2018-2029)

6.3.3 World ALD and CVD Precursors for Semiconductor Average Price by Application

(2018-2029)

7 COMPANY PROFILES

7.1 Merck

7.1.1 Merck Details

7.1.2 Merck Major Business

7.1.3 Merck ALD and CVD Precursors for Semiconductor Product and Services

7.1.4 Merck ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Merck Recent Developments/Updates

7.1.6 Merck Competitive Strengths & Weaknesses

7.2 Air Liquide

7.2.1 Air Liquide Details

7.2.2 Air Liquide Major Business

7.2.3 Air Liquide ALD and CVD Precursors for Semiconductor Product and Services

7.2.4 Air Liquide ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Air Liquide Recent Developments/Updates

7.2.6 Air Liquide Competitive Strengths & Weaknesses

7.3 SK Material

7.3.1 SK Material Details

7.3.2 SK Material Major Business

7.3.3 SK Material ALD and CVD Precursors for Semiconductor Product and Services

7.3.4 SK Material ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 SK Material Recent Developments/Updates

7.3.6 SK Material Competitive Strengths & Weaknesses

7.4 DNF

7.4.1 DNF Details

7.4.2 DNF Major Business

7.4.3 DNF ALD and CVD Precursors for Semiconductor Product and Services

7.4.4 DNF ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 DNF Recent Developments/Updates

7.4.6 DNF Competitive Strengths & Weaknesses

7.5 Yoke (UP Chemical)

7.5.1 Yoke (UP Chemical) Details

7.5.2 Yoke (UP Chemical) Major Business

7.5.3 Yoke (UP Chemical) ALD and CVD Precursors for Semiconductor Product and Services

7.5.4 Yoke (UP Chemical) ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Yoke (UP Chemical) Recent Developments/Updates

7.5.6 Yoke (UP Chemical) Competitive Strengths & Weaknesses

7.6 Soulbrain

7.6.1 Soulbrain Details

7.6.2 Soulbrain Major Business

7.6.3 Soulbrain ALD and CVD Precursors for Semiconductor Product and Services

7.6.4 Soulbrain ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Soulbrain Recent Developments/Updates

7.6.6 Soulbrain Competitive Strengths & Weaknesses

7.7 Hansol Chemical

7.7.1 Hansol Chemical Details

7.7.2 Hansol Chemical Major Business

7.7.3 Hansol Chemical ALD and CVD Precursors for Semiconductor Product and Services

7.7.4 Hansol Chemical ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Hansol Chemical Recent Developments/Updates

7.7.6 Hansol Chemical Competitive Strengths & Weaknesses

7.8 ADEKA

7.8.1 ADEKA Details

7.8.2 ADEKA Major Business

7.8.3 ADEKA ALD and CVD Precursors for Semiconductor Product and Services

7.8.4 ADEKA ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 ADEKA Recent Developments/Updates

7.8.6 ADEKA Competitive Strengths & Weaknesses

7.9 Dupont

7.9.1 Dupont Details

7.9.2 Dupont Major Business

7.9.3 Dupont ALD and CVD Precursors for Semiconductor Product and Services

7.9.4 Dupont ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Dupont Recent Developments/Updates

7.9.6 Dupont Competitive Strengths & Weaknesses

7.10 Nanmat

7.10.1 Nanmat Details

7.10.2 Nanmat Major Business

7.10.3 Nanmat ALD and CVD Precursors for Semiconductor Product and Services

7.10.4 Nanmat ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Nanmat Recent Developments/Updates

7.10.6 Nanmat Competitive Strengths & Weaknesses

7.11 Engtegris

7.11.1 Engtegris Details

7.11.2 Engtegris Major Business

7.11.3 Engtegris ALD and CVD Precursors for Semiconductor Product and Services

7.11.4 Engtegris ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Engtegris Recent Developments/Updates

7.11.6 Engtegris Competitive Strengths & Weaknesses

7.12 TANAKA

7.12.1 TANAKA Details

7.12.2 TANAKA Major Business

7.12.3 TANAKA ALD and CVD Precursors for Semiconductor Product and Services

7.12.4 TANAKA ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 TANAKA Recent Developments/Updates

7.12.6 TANAKA Competitive Strengths & Weaknesses

7.13 Botai

7.13.1 Botai Details

7.13.2 Botai Major Business

7.13.3 Botai ALD and CVD Precursors for Semiconductor Product and Services

7.13.4 Botai ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Botai Recent Developments/Updates

7.13.6 Botai Competitive Strengths & Weaknesses

7.14 Strem Chemicals

7.14.1 Strem Chemicals Details

7.14.2 Strem Chemicals Major Business

7.14.3 Strem Chemicals ALD and CVD Precursors for Semiconductor Product and Services

7.14.4 Strem Chemicals ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.14.5 Strem Chemicals Recent Developments/Updates
- 7.14.6 Strem Chemicals Competitive Strengths & Weaknesses
- 7.15 Nata Chem
 - 7.15.1 Nata Chem Details
 - 7.15.2 Nata Chem Major Business
 - 7.15.3 Nata Chem ALD and CVD Precursors for Semiconductor Product and Services
 - 7.15.4 Nata Chem ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 Nata Chem Recent Developments/Updates
 - 7.15.6 Nata Chem Competitive Strengths & Weaknesses
- 7.16 Gelest
 - 7.16.1 Gelest Details
 - 7.16.2 Gelest Major Business
 - 7.16.3 Gelest ALD and CVD Precursors for Semiconductor Product and Services
 - 7.16.4 Gelest ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 Gelest Recent Developments/Updates
 - 7.16.6 Gelest Competitive Strengths & Weaknesses
- 7.17 Adchem-tech
 - 7.17.1 Adchem-tech Details
 - 7.17.2 Adchem-tech Major Business
 - 7.17.3 Adchem-tech ALD and CVD Precursors for Semiconductor Product and Services
 - 7.17.4 Adchem-tech ALD and CVD Precursors for Semiconductor Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 Adchem-tech Recent Developments/Updates
 - 7.17.6 Adchem-tech Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 ALD and CVD Precursors for Semiconductor Industry Chain
- 8.2 ALD and CVD Precursors for Semiconductor Upstream Analysis
 - 8.2.1 ALD and CVD Precursors for Semiconductor Core Raw Materials
 - 8.2.2 Main Manufacturers of ALD and CVD Precursors for Semiconductor Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 ALD and CVD Precursors for Semiconductor Production Mode
- 8.6 ALD and CVD Precursors for Semiconductor Procurement Model

8.7 ALD and CVD Precursors for Semiconductor Industry Sales Model and Sales Channels

8.7.1 ALD and CVD Precursors for Semiconductor Sales Model

8.7.2 ALD and CVD Precursors for Semiconductor Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World ALD and CVD Precursors for Semiconductor Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World ALD and CVD Precursors for Semiconductor Production Value by Region (2018-2023) & (USD Million)

Table 3. World ALD and CVD Precursors for Semiconductor Production Value by Region (2024-2029) & (USD Million)

Table 4. World ALD and CVD Precursors for Semiconductor Production Value Market Share by Region (2018-2023)

Table 5. World ALD and CVD Precursors for Semiconductor Production Value Market Share by Region (2024-2029)

Table 6. World ALD and CVD Precursors for Semiconductor Production by Region (2018-2023) & (MT)

Table 7. World ALD and CVD Precursors for Semiconductor Production by Region (2024-2029) & (MT)

Table 8. World ALD and CVD Precursors for Semiconductor Production Market Share by Region (2018-2023)

Table 9. World ALD and CVD Precursors for Semiconductor Production Market Share by Region (2024-2029)

Table 10. World ALD and CVD Precursors for Semiconductor Average Price by Region (2018-2023) & (US\$/Kg)

Table 11. World ALD and CVD Precursors for Semiconductor Average Price by Region (2024-2029) & (US\$/Kg)

Table 12. ALD and CVD Precursors for Semiconductor Major Market Trends

Table 13. World ALD and CVD Precursors for Semiconductor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (MT)

Table 14. World ALD and CVD Precursors for Semiconductor Consumption by Region (2018-2023) & (MT)

Table 15. World ALD and CVD Precursors for Semiconductor Consumption Forecast by Region (2024-2029) & (MT)

Table 16. World ALD and CVD Precursors for Semiconductor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key ALD and CVD Precursors for Semiconductor Producers in 2022

Table 18. World ALD and CVD Precursors for Semiconductor Production by Manufacturer (2018-2023) & (MT)

Table 19. Production Market Share of Key ALD and CVD Precursors for Semiconductor Producers in 2022

Table 20. World ALD and CVD Precursors for Semiconductor Average Price by Manufacturer (2018-2023) & (US\$/Kg)

Table 21. Global ALD and CVD Precursors for Semiconductor Company Evaluation Quadrant

Table 22. World ALD and CVD Precursors for Semiconductor Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and ALD and CVD Precursors for Semiconductor Production Site of Key Manufacturer

Table 24. ALD and CVD Precursors for Semiconductor Market: Company Product Type Footprint

Table 25. ALD and CVD Precursors for Semiconductor Market: Company Product Application Footprint

Table 26. ALD and CVD Precursors for Semiconductor Competitive Factors

Table 27. ALD and CVD Precursors for Semiconductor New Entrant and Capacity Expansion Plans

Table 28. ALD and CVD Precursors for Semiconductor Mergers & Acquisitions Activity

Table 29. United States VS China ALD and CVD Precursors for Semiconductor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China ALD and CVD Precursors for Semiconductor Production Comparison, (2018 & 2022 & 2029) & (MT)

Table 31. United States VS China ALD and CVD Precursors for Semiconductor Consumption Comparison, (2018 & 2022 & 2029) & (MT)

Table 32. United States Based ALD and CVD Precursors for Semiconductor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers ALD and CVD Precursors for Semiconductor Production (2018-2023) & (MT)

Table 36. United States Based Manufacturers ALD and CVD Precursors for Semiconductor Production Market Share (2018-2023)

Table 37. China Based ALD and CVD Precursors for Semiconductor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers ALD and CVD Precursors for Semiconductor

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers ALD and CVD Precursors for Semiconductor Production (2018-2023) & (MT)

Table 41. China Based Manufacturers ALD and CVD Precursors for Semiconductor Production Market Share (2018-2023)

Table 42. Rest of World Based ALD and CVD Precursors for Semiconductor Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers ALD and CVD Precursors for Semiconductor Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers ALD and CVD Precursors for Semiconductor Production (2018-2023) & (MT)

Table 46. Rest of World Based Manufacturers ALD and CVD Precursors for Semiconductor Production Market Share (2018-2023)

Table 47. World ALD and CVD Precursors for Semiconductor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World ALD and CVD Precursors for Semiconductor Production by Type (2018-2023) & (MT)

Table 49. World ALD and CVD Precursors for Semiconductor Production by Type (2024-2029) & (MT)

Table 50. World ALD and CVD Precursors for Semiconductor Production Value by Type (2018-2023) & (USD Million)

Table 51. World ALD and CVD Precursors for Semiconductor Production Value by Type (2024-2029) & (USD Million)

Table 52. World ALD and CVD Precursors for Semiconductor Average Price by Type (2018-2023) & (US\$/Kg)

Table 53. World ALD and CVD Precursors for Semiconductor Average Price by Type (2024-2029) & (US\$/Kg)

Table 54. World ALD and CVD Precursors for Semiconductor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World ALD and CVD Precursors for Semiconductor Production by Application (2018-2023) & (MT)

Table 56. World ALD and CVD Precursors for Semiconductor Production by Application (2024-2029) & (MT)

Table 57. World ALD and CVD Precursors for Semiconductor Production Value by Application (2018-2023) & (USD Million)

Table 58. World ALD and CVD Precursors for Semiconductor Production Value by Application (2024-2029) & (USD Million)

- Table 59. World ALD and CVD Precursors for Semiconductor Average Price by Application (2018-2023) & (US\$/Kg)
- Table 60. World ALD and CVD Precursors for Semiconductor Average Price by Application (2024-2029) & (US\$/Kg)
- Table 61. Merck Basic Information, Manufacturing Base and Competitors
- Table 62. Merck Major Business
- Table 63. Merck ALD and CVD Precursors for Semiconductor Product and Services
- Table 64. Merck ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 65. Merck Recent Developments/Updates
- Table 66. Merck Competitive Strengths & Weaknesses
- Table 67. Air Liquide Basic Information, Manufacturing Base and Competitors
- Table 68. Air Liquide Major Business
- Table 69. Air Liquide ALD and CVD Precursors for Semiconductor Product and Services
- Table 70. Air Liquide ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 71. Air Liquide Recent Developments/Updates
- Table 72. Air Liquide Competitive Strengths & Weaknesses
- Table 73. SK Material Basic Information, Manufacturing Base and Competitors
- Table 74. SK Material Major Business
- Table 75. SK Material ALD and CVD Precursors for Semiconductor Product and Services
- Table 76. SK Material ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. SK Material Recent Developments/Updates
- Table 78. SK Material Competitive Strengths & Weaknesses
- Table 79. DNF Basic Information, Manufacturing Base and Competitors
- Table 80. DNF Major Business
- Table 81. DNF ALD and CVD Precursors for Semiconductor Product and Services
- Table 82. DNF ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 83. DNF Recent Developments/Updates
- Table 84. DNF Competitive Strengths & Weaknesses
- Table 85. Yoke (UP Chemical) Basic Information, Manufacturing Base and Competitors
- Table 86. Yoke (UP Chemical) Major Business
- Table 87. Yoke (UP Chemical) ALD and CVD Precursors for Semiconductor Product

and Services

Table 88. Yoke (UP Chemical) ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Yoke (UP Chemical) Recent Developments/Updates

Table 90. Yoke (UP Chemical) Competitive Strengths & Weaknesses

Table 91. Soulbrain Basic Information, Manufacturing Base and Competitors

Table 92. Soulbrain Major Business

Table 93. Soulbrain ALD and CVD Precursors for Semiconductor Product and Services

Table 94. Soulbrain ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Soulbrain Recent Developments/Updates

Table 96. Soulbrain Competitive Strengths & Weaknesses

Table 97. Hansol Chemical Basic Information, Manufacturing Base and Competitors

Table 98. Hansol Chemical Major Business

Table 99. Hansol Chemical ALD and CVD Precursors for Semiconductor Product and Services

Table 100. Hansol Chemical ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Hansol Chemical Recent Developments/Updates

Table 102. Hansol Chemical Competitive Strengths & Weaknesses

Table 103. ADEKA Basic Information, Manufacturing Base and Competitors

Table 104. ADEKA Major Business

Table 105. ADEKA ALD and CVD Precursors for Semiconductor Product and Services

Table 106. ADEKA ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. ADEKA Recent Developments/Updates

Table 108. ADEKA Competitive Strengths & Weaknesses

Table 109. Dupont Basic Information, Manufacturing Base and Competitors

Table 110. Dupont Major Business

Table 111. Dupont ALD and CVD Precursors for Semiconductor Product and Services

Table 112. Dupont ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Dupont Recent Developments/Updates

Table 114. Dupont Competitive Strengths & Weaknesses

Table 115. Nanmat Basic Information, Manufacturing Base and Competitors

Table 116. Nanmat Major Business

- Table 117. Nanmat ALD and CVD Precursors for Semiconductor Product and Services
- Table 118. Nanmat ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Nanmat Recent Developments/Updates
- Table 120. Nanmat Competitive Strengths & Weaknesses
- Table 121. Engtegris Basic Information, Manufacturing Base and Competitors
- Table 122. Engtegris Major Business
- Table 123. Engtegris ALD and CVD Precursors for Semiconductor Product and Services
- Table 124. Engtegris ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. Engtegris Recent Developments/Updates
- Table 126. Engtegris Competitive Strengths & Weaknesses
- Table 127. TANAKA Basic Information, Manufacturing Base and Competitors
- Table 128. TANAKA Major Business
- Table 129. TANAKA ALD and CVD Precursors for Semiconductor Product and Services
- Table 130. TANAKA ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. TANAKA Recent Developments/Updates
- Table 132. TANAKA Competitive Strengths & Weaknesses
- Table 133. Botai Basic Information, Manufacturing Base and Competitors
- Table 134. Botai Major Business
- Table 135. Botai ALD and CVD Precursors for Semiconductor Product and Services
- Table 136. Botai ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Botai Recent Developments/Updates
- Table 138. Botai Competitive Strengths & Weaknesses
- Table 139. Strem Chemicals Basic Information, Manufacturing Base and Competitors
- Table 140. Strem Chemicals Major Business
- Table 141. Strem Chemicals ALD and CVD Precursors for Semiconductor Product and Services
- Table 142. Strem Chemicals ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Strem Chemicals Recent Developments/Updates
- Table 144. Strem Chemicals Competitive Strengths & Weaknesses
- Table 145. Nata Chem Basic Information, Manufacturing Base and Competitors

Table 146. Nata Chem Major Business

Table 147. Nata Chem ALD and CVD Precursors for Semiconductor Product and Services

Table 148. Nata Chem ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. Nata Chem Recent Developments/Updates

Table 150. Nata Chem Competitive Strengths & Weaknesses

Table 151. Gelest Basic Information, Manufacturing Base and Competitors

Table 152. Gelest Major Business

Table 153. Gelest ALD and CVD Precursors for Semiconductor Product and Services

Table 154. Gelest ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Gelest Recent Developments/Updates

Table 156. Adchem-tech Basic Information, Manufacturing Base and Competitors

Table 157. Adchem-tech Major Business

Table 158. Adchem-tech ALD and CVD Precursors for Semiconductor Product and Services

Table 159. Adchem-tech ALD and CVD Precursors for Semiconductor Production (MT), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 160. Global Key Players of ALD and CVD Precursors for Semiconductor Upstream (Raw Materials)

Table 161. ALD and CVD Precursors for Semiconductor Typical Customers

Table 162. ALD and CVD Precursors for Semiconductor Typical Distributors

List of Figure

Figure 1. ALD and CVD Precursors for Semiconductor Picture

Figure 2. World ALD and CVD Precursors for Semiconductor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World ALD and CVD Precursors for Semiconductor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World ALD and CVD Precursors for Semiconductor Production (2018-2029) & (MT)

Figure 5. World ALD and CVD Precursors for Semiconductor Average Price (2018-2029) & (US\$/Kg)

Figure 6. World ALD and CVD Precursors for Semiconductor Production Value Market Share by Region (2018-2029)

Figure 7. World ALD and CVD Precursors for Semiconductor Production Market Share by Region (2018-2029)

Figure 8. North America ALD and CVD Precursors for Semiconductor Production (2018-2029) & (MT)

Figure 9. Europe ALD and CVD Precursors for Semiconductor Production (2018-2029) & (MT)

Figure 10. China ALD and CVD Precursors for Semiconductor Production (2018-2029) & (MT)

Figure 11. Japan ALD and CVD Precursors for Semiconductor Production (2018-2029) & (MT)

Figure 12. South Korea ALD and CVD Precursors for Semiconductor Production (2018-2029) & (MT)

Figure 13. ALD and CVD Precursors for Semiconductor Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 16. World ALD and CVD Precursors for Semiconductor Consumption Market Share by Region (2018-2029)

Figure 17. United States ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 18. China ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 19. Europe ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 20. Japan ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 21. South Korea ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 22. ASEAN ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 23. India ALD and CVD Precursors for Semiconductor Consumption (2018-2029) & (MT)

Figure 24. Producer Shipments of ALD and CVD Precursors for Semiconductor by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for ALD and CVD Precursors for Semiconductor Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for ALD and CVD Precursors for Semiconductor Markets in 2022

Figure 27. United States VS China: ALD and CVD Precursors for Semiconductor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: ALD and CVD Precursors for Semiconductor

Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: ALD and CVD Precursors for Semiconductor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers ALD and CVD Precursors for Semiconductor Production Market Share 2022

Figure 31. China Based Manufacturers ALD and CVD Precursors for Semiconductor Production Market Share 2022

Figure 32. Rest of World Based Manufacturers ALD and CVD Precursors for Semiconductor Production Market Share 2022

Figure 33. World ALD and CVD Precursors for Semiconductor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World ALD and CVD Precursors for Semiconductor Production Value Market Share by Type in 2022

Figure 35. Silicon Precursor

Figure 36. Titanium Precursor

Figure 37. Zirconium Precursor

Figure 38. Others

Figure 39. World ALD and CVD Precursors for Semiconductor Production Market Share by Type (2018-2029)

Figure 40. World ALD and CVD Precursors for Semiconductor Production Value Market Share by Type (2018-2029)

Figure 41. World ALD and CVD Precursors for Semiconductor Average Price by Type (2018-2029) & (US\$/Kg)

Figure 42. World ALD and CVD Precursors for Semiconductor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World ALD and CVD Precursors for Semiconductor Production Value Market Share by Application in 2022

Figure 44. Integrated Circuit Chip

Figure 45. Flat Panel Display

Figure 46. Solar Photovoltaic

Figure 47. others

Figure 48. World ALD and CVD Precursors for Semiconductor Production Market Share by Application (2018-2029)

Figure 49. World ALD and CVD Precursors for Semiconductor Production Value Market Share by Application (2018-2029)

Figure 50. World ALD and CVD Precursors for Semiconductor Average Price by Application (2018-2029) & (US\$/Kg)

Figure 51. ALD and CVD Precursors for Semiconductor Industry Chain

Figure 52. ALD and CVD Precursors for Semiconductor Procurement Model

Figure 53. ALD and CVD Precursors for Semiconductor Sales Model

Figure 54. ALD and CVD Precursors for Semiconductor Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

I would like to order

Product name: Global ALD and CVD Precursors for Semiconductor Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GE0EE5F0DEE1EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GE0EE5F0DEE1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

