

Global Thin Film Precursors Market Growth 2024-2030

<https://marketpublishers.com/r/GE16643F31FEN.html>

Date: May 2024

Pages: 131

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

ID: GE16643F31FEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

A thin film is a layer of material ranging from fractions of a nanometer (monolayer) to several micrometers in thickness. The controlled synthesis of materials as thin films (a process referred to as deposition) is a fundamental step in many applications. Atomic layer deposition (ALD) is a thin-film deposition technique based on the sequential use of a gas phase chemical process; it is a subclass of chemical vapour deposition. The majority of ALD reactions use two chemicals called precursors. The thin film precursors refer to precursors used in different kinds of deposition process, like atomic layer deposition (ALD), chemical vapor deposition (CVD), etc.

The global Thin Film Precursors market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Thin Film Precursors Industry Forecast" looks at past sales and reviews total world Thin Film Precursors sales in 2023, providing a comprehensive analysis by region and market sector of projected Thin Film Precursors sales for 2024 through 2030. With Thin Film Precursors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Thin Film Precursors industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Thin Film 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 Thin Film Precursors.

United States market for Thin Film Precursors is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Thin Film Precursors is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Thin Film Precursors is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Thin Film Precursors players cover DuPont, Evonik, Toagosei, Hansol Chemical, DNF, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

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

Segmentation by Type:

Silicon

Tetramethylsilane (4MS)

Trimethylsilane (3MS)

Bis(diethylamino)silane (BDEAS)

Trisilylamine (TSA)

Hexachlorodisilane (HCDS)

Others

Segmentation by Application:

Semiconductors

Fiber Optics

Aerospace Industry

Solar Energy

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

DuPont

Evonik

Toagosei

Hansol Chemical

DNF

Wonik Materials

Air Liquide

DS Techopia

Altogen Chemicals

UP Chemical (Yoke Chem)

Engtegris

Nata

Asteran

Versum Materials

Zhejiang Britech (Juhua Group)

JITECH

Key Questions Addressed in this Report

What is the 10-year outlook for the global Thin Film Precursors market?

What factors are driving Thin Film Precursors market growth, globally and by region?

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

How do Thin Film Precursors market opportunities vary by end market size?

How does Thin Film 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 Thin Film Precursors Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Thin Film Precursors by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Thin Film Precursors by Country/Region, 2019, 2023 & 2030
- 2.2 Thin Film Precursors Segment by Type
 - 2.2.1 Silicon
 - 2.2.2 Tetramethylsilane (4MS)
 - 2.2.3 Trimethylsilane (3MS)
 - 2.2.4 Bis(diethylamino)silane (BDEAS)
 - 2.2.5 Trisilylamine (TSA)
 - 2.2.6 Hexachlorodisilane (HCDS)
 - 2.2.7 Others
- 2.3 Thin Film Precursors Sales by Type
 - 2.3.1 Global Thin Film Precursors Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Thin Film Precursors Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Thin Film Precursors Sale Price by Type (2019-2024)
- 2.4 Thin Film Precursors Segment by Application
 - 2.4.1 Semiconductors
 - 2.4.2 Fiber Optics
 - 2.4.3 Aerospace Industry
 - 2.4.4 Solar Energy
 - 2.4.5 Others

2.5 Thin Film Precursors Sales by Application

2.5.1 Global Thin Film Precursors Sale Market Share by Application (2019-2024)

2.5.2 Global Thin Film Precursors Revenue and Market Share by Application (2019-2024)

2.5.3 Global Thin Film Precursors Sale Price by Application (2019-2024)

3 GLOBAL BY COMPANY

3.1 Global Thin Film Precursors Breakdown Data by Company

3.1.1 Global Thin Film Precursors Annual Sales by Company (2019-2024)

3.1.2 Global Thin Film Precursors Sales Market Share by Company (2019-2024)

3.2 Global Thin Film Precursors Annual Revenue by Company (2019-2024)

3.2.1 Global Thin Film Precursors Revenue by Company (2019-2024)

3.2.2 Global Thin Film Precursors Revenue Market Share by Company (2019-2024)

3.3 Global Thin Film Precursors Sale Price by Company

3.4 Key Manufacturers Thin Film Precursors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Thin Film Precursors Product Location Distribution

3.4.2 Players Thin Film Precursors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR THIN FILM PRECURSORS BY GEOGRAPHIC REGION

4.1 World Historic Thin Film Precursors Market Size by Geographic Region (2019-2024)

4.1.1 Global Thin Film Precursors Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Thin Film Precursors Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Thin Film Precursors Market Size by Country/Region (2019-2024)

4.2.1 Global Thin Film Precursors Annual Sales by Country/Region (2019-2024)

4.2.2 Global Thin Film Precursors Annual Revenue by Country/Region (2019-2024)

4.3 Americas Thin Film Precursors Sales Growth

4.4 APAC Thin Film Precursors Sales Growth

4.5 Europe Thin Film Precursors Sales Growth

4.6 Middle East & Africa Thin Film Precursors Sales Growth

5 AMERICAS

5.1 Americas Thin Film Precursors Sales by Country

5.1.1 Americas Thin Film Precursors Sales by Country (2019-2024)

5.1.2 Americas Thin Film Precursors Revenue by Country (2019-2024)

5.2 Americas Thin Film Precursors Sales by Type (2019-2024)

5.3 Americas Thin Film Precursors Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Thin Film Precursors Sales by Region

6.1.1 APAC Thin Film Precursors Sales by Region (2019-2024)

6.1.2 APAC Thin Film Precursors Revenue by Region (2019-2024)

6.2 APAC Thin Film Precursors Sales by Type (2019-2024)

6.3 APAC Thin Film Precursors Sales by Application (2019-2024)

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 Thin Film Precursors by Country

7.1.1 Europe Thin Film Precursors Sales by Country (2019-2024)

7.1.2 Europe Thin Film Precursors Revenue by Country (2019-2024)

7.2 Europe Thin Film Precursors Sales by Type (2019-2024)

7.3 Europe Thin Film Precursors Sales by Application (2019-2024)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Thin Film Precursors by Country

8.1.1 Middle East & Africa Thin Film Precursors Sales by Country (2019-2024)

8.1.2 Middle East & Africa Thin Film Precursors Revenue by Country (2019-2024)

8.2 Middle East & Africa Thin Film Precursors Sales by Type (2019-2024)

8.3 Middle East & Africa Thin Film Precursors Sales by Application (2019-2024)

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 Thin Film Precursors

10.3 Manufacturing Process Analysis of Thin Film Precursors

10.4 Industry Chain Structure of Thin Film Precursors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Thin Film Precursors Distributors

11.3 Thin Film Precursors Customer

12 WORLD FORECAST REVIEW FOR THIN FILM PRECURSORS BY GEOGRAPHIC REGION

- 12.1 Global Thin Film Precursors Market Size Forecast by Region
 - 12.1.1 Global Thin Film Precursors Forecast by Region (2025-2030)
 - 12.1.2 Global Thin Film Precursors Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Thin Film Precursors Forecast by Type (2025-2030)
- 12.7 Global Thin Film Precursors Forecast by Application (2025-2030)

13 KEY PLAYERS ANALYSIS

- 13.1 DuPont
 - 13.1.1 DuPont Company Information
 - 13.1.2 DuPont Thin Film Precursors Product Portfolios and Specifications
 - 13.1.3 DuPont Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.1.4 DuPont Main Business Overview
 - 13.1.5 DuPont Latest Developments
- 13.2 Evonik
 - 13.2.1 Evonik Company Information
 - 13.2.2 Evonik Thin Film Precursors Product Portfolios and Specifications
 - 13.2.3 Evonik Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 Evonik Main Business Overview
 - 13.2.5 Evonik Latest Developments
- 13.3 Toagosei
 - 13.3.1 Toagosei Company Information
 - 13.3.2 Toagosei Thin Film Precursors Product Portfolios and Specifications
 - 13.3.3 Toagosei Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 Toagosei Main Business Overview
 - 13.3.5 Toagosei Latest Developments
- 13.4 Hansol Chemical
 - 13.4.1 Hansol Chemical Company Information
 - 13.4.2 Hansol Chemical Thin Film Precursors Product Portfolios and Specifications
 - 13.4.3 Hansol Chemical Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.4.4 Hansol Chemical Main Business Overview

- 13.4.5 Hansol Chemical Latest Developments
- 13.5 DNF
 - 13.5.1 DNF Company Information
 - 13.5.2 DNF Thin Film Precursors Product Portfolios and Specifications
 - 13.5.3 DNF Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.5.4 DNF Main Business Overview
 - 13.5.5 DNF Latest Developments
- 13.6 Wonik Materials
 - 13.6.1 Wonik Materials Company Information
 - 13.6.2 Wonik Materials Thin Film Precursors Product Portfolios and Specifications
 - 13.6.3 Wonik Materials Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.6.4 Wonik Materials Main Business Overview
 - 13.6.5 Wonik Materials Latest Developments
- 13.7 Air Liquide
 - 13.7.1 Air Liquide Company Information
 - 13.7.2 Air Liquide Thin Film Precursors Product Portfolios and Specifications
 - 13.7.3 Air Liquide Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.7.4 Air Liquide Main Business Overview
 - 13.7.5 Air Liquide Latest Developments
- 13.8 DS Techopia
 - 13.8.1 DS Techopia Company Information
 - 13.8.2 DS Techopia Thin Film Precursors Product Portfolios and Specifications
 - 13.8.3 DS Techopia Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.8.4 DS Techopia Main Business Overview
 - 13.8.5 DS Techopia Latest Developments
- 13.9 Altogen Chemicals
 - 13.9.1 Altogen Chemicals Company Information
 - 13.9.2 Altogen Chemicals Thin Film Precursors Product Portfolios and Specifications
 - 13.9.3 Altogen Chemicals Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.9.4 Altogen Chemicals Main Business Overview
 - 13.9.5 Altogen Chemicals Latest Developments
- 13.10 UP Chemical (Yoke Chem)
 - 13.10.1 UP Chemical (Yoke Chem) Company Information
 - 13.10.2 UP Chemical (Yoke Chem) Thin Film Precursors Product Portfolios and

Specifications

13.10.3 UP Chemical (Yoke Chem) Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 UP Chemical (Yoke Chem) Main Business Overview

13.10.5 UP Chemical (Yoke Chem) Latest Developments

13.11 Engtegris

13.11.1 Engtegris Company Information

13.11.2 Engtegris Thin Film Precursors Product Portfolios and Specifications

13.11.3 Engtegris Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Engtegris Main Business Overview

13.11.5 Engtegris Latest Developments

13.12 Nata

13.12.1 Nata Company Information

13.12.2 Nata Thin Film Precursors Product Portfolios and Specifications

13.12.3 Nata Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 Nata Main Business Overview

13.12.5 Nata Latest Developments

13.13 Asteran

13.13.1 Asteran Company Information

13.13.2 Asteran Thin Film Precursors Product Portfolios and Specifications

13.13.3 Asteran Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Asteran Main Business Overview

13.13.5 Asteran Latest Developments

13.14 Versum Materials

13.14.1 Versum Materials Company Information

13.14.2 Versum Materials Thin Film Precursors Product Portfolios and Specifications

13.14.3 Versum Materials Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 Versum Materials Main Business Overview

13.14.5 Versum Materials Latest Developments

13.15 Zhejiang Britech (Juhua Group)

13.15.1 Zhejiang Britech (Juhua Group) Company Information

13.15.2 Zhejiang Britech (Juhua Group) Thin Film Precursors Product Portfolios and Specifications

13.15.3 Zhejiang Britech (Juhua Group) Thin Film Precursors Sales, Revenue, Price and Gross Margin (2019-2024)

13.15.4 Zhejiang Britech (Juhua Group) Main Business Overview

13.15.5 Zhejiang Britech (Juhua Group) Latest Developments

13.16 JITECH

13.16.1 JITECH Company Information

13.16.2 JITECH Thin Film Precursors Product Portfolios and Specifications

13.16.3 JITECH Thin Film Precursors Sales, Revenue, Price and Gross Margin
(2019-2024)

13.16.4 JITECH Main Business Overview

13.16.5 JITECH Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Thin Film Precursors Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Table 2. Thin Film Precursors Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)
- Table 3. Major Players of Silicon
- Table 4. Major Players of Tetramethylsilane (4MS)
- Table 5. Major Players of Trimethylsilane (3MS)
- Table 6. Major Players of Bis(diethylamino)silane (BDEAS)
- Table 7. Major Players of Trisilylamine (TSA)
- Table 8. Major Players of Hexachlorodisilane (HCDS)
- Table 9. Major Players of Others
- Table 10. Global Thin Film Precursors Sales by Type (2019-2024) & (Kg)
- Table 11. Global Thin Film Precursors Sales Market Share by Type (2019-2024)
- Table 12. Global Thin Film Precursors Revenue by Type (2019-2024) & (\$ million)
- Table 13. Global Thin Film Precursors Revenue Market Share by Type (2019-2024)
- Table 14. Global Thin Film Precursors Sale Price by Type (2019-2024) & (USD/Kg)
- Table 15. Global Thin Film Precursors Sale by Application (2019-2024) & (Kg)
- Table 16. Global Thin Film Precursors Sale Market Share by Application (2019-2024)
- Table 17. Global Thin Film Precursors Revenue by Application (2019-2024) & (\$ million)
- Table 18. Global Thin Film Precursors Revenue Market Share by Application (2019-2024)
- Table 19. Global Thin Film Precursors Sale Price by Application (2019-2024) & (USD/Kg)
- Table 20. Global Thin Film Precursors Sales by Company (2019-2024) & (Kg)
- Table 21. Global Thin Film Precursors Sales Market Share by Company (2019-2024)
- Table 22. Global Thin Film Precursors Revenue by Company (2019-2024) & (\$ millions)
- Table 23. Global Thin Film Precursors Revenue Market Share by Company (2019-2024)
- Table 24. Global Thin Film Precursors Sale Price by Company (2019-2024) & (USD/Kg)
- Table 25. Key Manufacturers Thin Film Precursors Producing Area Distribution and Sales Area
- Table 26. Players Thin Film Precursors Products Offered
- Table 27. Thin Film Precursors Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)
- Table 28. New Products and Potential Entrants

Table 29. Market M&A Activity & Strategy

Table 30. Global Thin Film Precursors Sales by Geographic Region (2019-2024) & (Kg)

Table 31. Global Thin Film Precursors Sales Market Share Geographic Region (2019-2024)

Table 32. Global Thin Film Precursors Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 33. Global Thin Film Precursors Revenue Market Share by Geographic Region (2019-2024)

Table 34. Global Thin Film Precursors Sales by Country/Region (2019-2024) & (Kg)

Table 35. Global Thin Film Precursors Sales Market Share by Country/Region (2019-2024)

Table 36. Global Thin Film Precursors Revenue by Country/Region (2019-2024) & (\$ millions)

Table 37. Global Thin Film Precursors Revenue Market Share by Country/Region (2019-2024)

Table 38. Americas Thin Film Precursors Sales by Country (2019-2024) & (Kg)

Table 39. Americas Thin Film Precursors Sales Market Share by Country (2019-2024)

Table 40. Americas Thin Film Precursors Revenue by Country (2019-2024) & (\$ millions)

Table 41. Americas Thin Film Precursors Sales by Type (2019-2024) & (Kg)

Table 42. Americas Thin Film Precursors Sales by Application (2019-2024) & (Kg)

Table 43. APAC Thin Film Precursors Sales by Region (2019-2024) & (Kg)

Table 44. APAC Thin Film Precursors Sales Market Share by Region (2019-2024)

Table 45. APAC Thin Film Precursors Revenue by Region (2019-2024) & (\$ millions)

Table 46. APAC Thin Film Precursors Sales by Type (2019-2024) & (Kg)

Table 47. APAC Thin Film Precursors Sales by Application (2019-2024) & (Kg)

Table 48. Europe Thin Film Precursors Sales by Country (2019-2024) & (Kg)

Table 49. Europe Thin Film Precursors Revenue by Country (2019-2024) & (\$ millions)

Table 50. Europe Thin Film Precursors Sales by Type (2019-2024) & (Kg)

Table 51. Europe Thin Film Precursors Sales by Application (2019-2024) & (Kg)

Table 52. Middle East & Africa Thin Film Precursors Sales by Country (2019-2024) & (Kg)

Table 53. Middle East & Africa Thin Film Precursors Revenue Market Share by Country (2019-2024)

Table 54. Middle East & Africa Thin Film Precursors Sales by Type (2019-2024) & (Kg)

Table 55. Middle East & Africa Thin Film Precursors Sales by Application (2019-2024) & (Kg)

Table 56. Key Market Drivers & Growth Opportunities of Thin Film Precursors

Table 57. Key Market Challenges & Risks of Thin Film Precursors

- Table 58. Key Industry Trends of Thin Film Precursors
- Table 59. Thin Film Precursors Raw Material
- Table 60. Key Suppliers of Raw Materials
- Table 61. Thin Film Precursors Distributors List
- Table 62. Thin Film Precursors Customer List
- Table 63. Global Thin Film Precursors Sales Forecast by Region (2025-2030) & (Kg)
- Table 64. Global Thin Film Precursors Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 65. Americas Thin Film Precursors Sales Forecast by Country (2025-2030) & (Kg)
- Table 66. Americas Thin Film Precursors Annual Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 67. APAC Thin Film Precursors Sales Forecast by Region (2025-2030) & (Kg)
- Table 68. APAC Thin Film Precursors Annual Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 69. Europe Thin Film Precursors Sales Forecast by Country (2025-2030) & (Kg)
- Table 70. Europe Thin Film Precursors Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 71. Middle East & Africa Thin Film Precursors Sales Forecast by Country (2025-2030) & (Kg)
- Table 72. Middle East & Africa Thin Film Precursors Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 73. Global Thin Film Precursors Sales Forecast by Type (2025-2030) & (Kg)
- Table 74. Global Thin Film Precursors Revenue Forecast by Type (2025-2030) & (\$ millions)
- Table 75. Global Thin Film Precursors Sales Forecast by Application (2025-2030) & (Kg)
- Table 76. Global Thin Film Precursors Revenue Forecast by Application (2025-2030) & (\$ millions)
- Table 77. DuPont Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 78. DuPont Thin Film Precursors Product Portfolios and Specifications
- Table 79. DuPont Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 80. DuPont Main Business
- Table 81. DuPont Latest Developments
- Table 82. Evonik Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 83. Evonik Thin Film Precursors Product Portfolios and Specifications

- Table 84. Evonik Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 85. Evonik Main Business
- Table 86. Evonik Latest Developments
- Table 87. Toagosei Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 88. Toagosei Thin Film Precursors Product Portfolios and Specifications
- Table 89. Toagosei Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 90. Toagosei Main Business
- Table 91. Toagosei Latest Developments
- Table 92. Hansol Chemical Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 93. Hansol Chemical Thin Film Precursors Product Portfolios and Specifications
- Table 94. Hansol Chemical Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 95. Hansol Chemical Main Business
- Table 96. Hansol Chemical Latest Developments
- Table 97. DNF Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 98. DNF Thin Film Precursors Product Portfolios and Specifications
- Table 99. DNF Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 100. DNF Main Business
- Table 101. DNF Latest Developments
- Table 102. Wonik Materials Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 103. Wonik Materials Thin Film Precursors Product Portfolios and Specifications
- Table 104. Wonik Materials Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 105. Wonik Materials Main Business
- Table 106. Wonik Materials Latest Developments
- Table 107. Air Liquide Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 108. Air Liquide Thin Film Precursors Product Portfolios and Specifications
- Table 109. Air Liquide Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 110. Air Liquide Main Business
- Table 111. Air Liquide Latest Developments

Table 112. DS Techopia Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors

Table 113. DS Techopia Thin Film Precursors Product Portfolios and Specifications

Table 114. DS Techopia Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 115. DS Techopia Main Business

Table 116. DS Techopia Latest Developments

Table 117. Altogen Chemicals Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors

Table 118. Altogen Chemicals Thin Film Precursors Product Portfolios and Specifications

Table 119. Altogen Chemicals Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 120. Altogen Chemicals Main Business

Table 121. Altogen Chemicals Latest Developments

Table 122. UP Chemical (Yoke Chem) Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors

Table 123. UP Chemical (Yoke Chem) Thin Film Precursors Product Portfolios and Specifications

Table 124. UP Chemical (Yoke Chem) Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 125. UP Chemical (Yoke Chem) Main Business

Table 126. UP Chemical (Yoke Chem) Latest Developments

Table 127. Engtegris Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors

Table 128. Engtegris Thin Film Precursors Product Portfolios and Specifications

Table 129. Engtegris Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 130. Engtegris Main Business

Table 131. Engtegris Latest Developments

Table 132. Nata Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors

Table 133. Nata Thin Film Precursors Product Portfolios and Specifications

Table 134. Nata Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)

Table 135. Nata Main Business

Table 136. Nata Latest Developments

Table 137. Asteran Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors

- Table 138. Asteran Thin Film Precursors Product Portfolios and Specifications
- Table 139. Asteran Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 140. Asteran Main Business
- Table 141. Asteran Latest Developments
- Table 142. Versum Materials Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 143. Versum Materials Thin Film Precursors Product Portfolios and Specifications
- Table 144. Versum Materials Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 145. Versum Materials Main Business
- Table 146. Versum Materials Latest Developments
- Table 147. Zhejiang Britech (Juhua Group) Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 148. Zhejiang Britech (Juhua Group) Thin Film Precursors Product Portfolios and Specifications
- Table 149. Zhejiang Britech (Juhua Group) Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 150. Zhejiang Britech (Juhua Group) Main Business
- Table 151. Zhejiang Britech (Juhua Group) Latest Developments
- Table 152. JITECH Basic Information, Thin Film Precursors Manufacturing Base, Sales Area and Its Competitors
- Table 153. JITECH Thin Film Precursors Product Portfolios and Specifications
- Table 154. JITECH Thin Film Precursors Sales (Kg), Revenue (\$ Million), Price (USD/Kg) and Gross Margin (2019-2024)
- Table 155. JITECH Main Business
- Table 156. JITECH Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Thin Film Precursors
- Figure 2. Thin Film Precursors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Thin Film Precursors Sales Growth Rate 2019-2030 (Kg)
- Figure 7. Global Thin Film Precursors Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. Thin Film Precursors Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. Thin Film Precursors Sales Market Share by Country/Region (2023)
- Figure 10. Thin Film Precursors Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of Silicon
- Figure 12. Product Picture of Tetramethylsilane (4MS)
- Figure 13. Product Picture of Trimethylsilane (3MS)
- Figure 14. Product Picture of Bis(diethylamino)silane (BDEAS)
- Figure 15. Product Picture of Trisilylamine (TSA)
- Figure 16. Product Picture of Hexachlorodisilane (HCDS)
- Figure 17. Product Picture of Others
- Figure 18. Global Thin Film Precursors Sales Market Share by Type in 2023
- Figure 19. Global Thin Film Precursors Revenue Market Share by Type (2019-2024)
- Figure 20. Thin Film Precursors Consumed in Semiconductors
- Figure 21. Global Thin Film Precursors Market: Semiconductors (2019-2024) & (Kg)
- Figure 22. Thin Film Precursors Consumed in Fiber Optics
- Figure 23. Global Thin Film Precursors Market: Fiber Optics (2019-2024) & (Kg)
- Figure 24. Thin Film Precursors Consumed in Aerospace Industry
- Figure 25. Global Thin Film Precursors Market: Aerospace Industry (2019-2024) & (Kg)
- Figure 26. Thin Film Precursors Consumed in Solar Energy
- Figure 27. Global Thin Film Precursors Market: Solar Energy (2019-2024) & (Kg)
- Figure 28. Thin Film Precursors Consumed in Others
- Figure 29. Global Thin Film Precursors Market: Others (2019-2024) & (Kg)
- Figure 30. Global Thin Film Precursors Sale Market Share by Application (2023)
- Figure 31. Global Thin Film Precursors Revenue Market Share by Application in 2023
- Figure 32. Thin Film Precursors Sales by Company in 2023 (Kg)
- Figure 33. Global Thin Film Precursors Sales Market Share by Company in 2023

- Figure 34. Thin Film Precursors Revenue by Company in 2023 (\$ millions)
- Figure 35. Global Thin Film Precursors Revenue Market Share by Company in 2023
- Figure 36. Global Thin Film Precursors Sales Market Share by Geographic Region (2019-2024)
- Figure 37. Global Thin Film Precursors Revenue Market Share by Geographic Region in 2023
- Figure 38. Americas Thin Film Precursors Sales 2019-2024 (Kg)
- Figure 39. Americas Thin Film Precursors Revenue 2019-2024 (\$ millions)
- Figure 40. APAC Thin Film Precursors Sales 2019-2024 (Kg)
- Figure 41. APAC Thin Film Precursors Revenue 2019-2024 (\$ millions)
- Figure 42. Europe Thin Film Precursors Sales 2019-2024 (Kg)
- Figure 43. Europe Thin Film Precursors Revenue 2019-2024 (\$ millions)
- Figure 44. Middle East & Africa Thin Film Precursors Sales 2019-2024 (Kg)
- Figure 45. Middle East & Africa Thin Film Precursors Revenue 2019-2024 (\$ millions)
- Figure 46. Americas Thin Film Precursors Sales Market Share by Country in 2023
- Figure 47. Americas Thin Film Precursors Revenue Market Share by Country (2019-2024)
- Figure 48. Americas Thin Film Precursors Sales Market Share by Type (2019-2024)
- Figure 49. Americas Thin Film Precursors Sales Market Share by Application (2019-2024)
- Figure 50. United States Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 51. Canada Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 52. Mexico Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 53. Brazil Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 54. APAC Thin Film Precursors Sales Market Share by Region in 2023
- Figure 55. APAC Thin Film Precursors Revenue Market Share by Region (2019-2024)
- Figure 56. APAC Thin Film Precursors Sales Market Share by Type (2019-2024)
- Figure 57. APAC Thin Film Precursors Sales Market Share by Application (2019-2024)
- Figure 58. China Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 59. Japan Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 60. South Korea Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 61. Southeast Asia Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 62. India Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 63. Australia Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 64. China Taiwan Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)
- Figure 65. Europe Thin Film Precursors Sales Market Share by Country in 2023
- Figure 66. Europe Thin Film Precursors Revenue Market Share by Country (2019-2024)
- Figure 67. Europe Thin Film Precursors Sales Market Share by Type (2019-2024)
- Figure 68. Europe Thin Film Precursors Sales Market Share by Application (2019-2024)

Figure 69. Germany Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 70. France Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 71. UK Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 72. Italy Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 73. Russia Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 74. Middle East & Africa Thin Film Precursors Sales Market Share by Country (2019-2024)

Figure 75. Middle East & Africa Thin Film Precursors Sales Market Share by Type (2019-2024)

Figure 76. Middle East & Africa Thin Film Precursors Sales Market Share by Application (2019-2024)

Figure 77. Egypt Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 78. South Africa Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 79. Israel Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 80. Turkey Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 81. GCC Countries Thin Film Precursors Revenue Growth 2019-2024 (\$ millions)

Figure 82. Manufacturing Cost Structure Analysis of Thin Film Precursors in 2023

Figure 83. Manufacturing Process Analysis of Thin Film Precursors

Figure 84. Industry Chain Structure of Thin Film Precursors

Figure 85. Channels of Distribution

Figure 86. Global Thin Film Precursors Sales Market Forecast by Region (2025-2030)

Figure 87. Global Thin Film Precursors Revenue Market Share Forecast by Region (2025-2030)

Figure 88. Global Thin Film Precursors Sales Market Share Forecast by Type (2025-2030)

Figure 89. Global Thin Film Precursors Revenue Market Share Forecast by Type (2025-2030)

Figure 90. Global Thin Film Precursors Sales Market Share Forecast by Application (2025-2030)

Figure 91. Global Thin Film Precursors Revenue Market Share Forecast by Application (2025-2030)

I would like to order

Product name: Global Thin Film Precursors Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/GE16643F31FEN.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/GE16643F31FEN.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