

Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Ultra-high Purity Metal Sputtering Targets for Semiconductors market size was valued at USD 742.3 million in 2022 and is forecast to a readjusted size of USD 1039.6 million by 2029 with a CAGR of 4.9% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Japan leads the world in the field of semiconductor materials. Companies engaged in the development of high-purity metals include Hitachi Metals Co., Ltd., Sumitomo Chemical Co., Ltd., and JX Nippon Mining & Metals Corporation, which can industrially produce aluminum, titanium, copper, nickel, cobalt, tantalum, tungsten, etc. High-purity product (the highest purity is above 6N). As a big semiconductor country, the United States produces and consumes high-purity metal materials in large quantities. For example, Honeywell International Corporation can provide high-purity metal materials for integrated circuits other than aluminum. Praxair Co., Ltd. (France) have advantages in the high-purity aluminum market, and HC Starck Solutions (Germany) and Plansee (Austria) have advantages in the high-purity tungsten, molybdenum, tantalum and other refractory metal markets Umicore (Belgium) has advantages in the production and recycling of high-purity rare and precious metals.

High-purity metal sputtering targets are key basic materials for integrated circuits. High-purity metal sputtering targets are widely used in the metallization process of front-end wafer manufacturing and back-end packaging of integrated circuits. They are mainly used to make interconnect lines, barrier layers, via holes, contact layers, metal gates and wetting layer, adhesive layer, anti-oxidation layer and other thin films.

This report is a detailed and comprehensive analysis for global Ultra-high Purity Metal Sputtering Targets for Semiconductors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Purity and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Ultra-high Purity Metal Sputtering Targets for Semiconductors market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Ultra-high Purity Metal Sputtering Targets for Semiconductors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Ultra-high Purity Metal Sputtering Targets for Semiconductors market size and forecasts, by Purity and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Ultra-high Purity Metal Sputtering Targets for Semiconductors market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Ultra-high Purity Metal Sputtering Targets for Semiconductors

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Ultra-high Purity Metal Sputtering Targets

for Semiconductors 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 JX Nippon Mining & Metals Corporation, Materion, TANAKA, Hitachi Metals and Plansee SE, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Ultra-high Purity Metal Sputtering Targets for Semiconductors market is split by Purity and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Purity, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Purity

5N

5N5

6N

Others

Market segment by Application

Wafer Fabrication

Assembly and Testing

Major players covered

JX Nippon Mining & Metals Corporation

Materion

TANAKA

Hitachi Metals

Plansee SE

Luoyang Sifon Electronic Materials

Sumitomo Chemical

Konfoong Materials International

Linde

TOSOH

Honeywell

ULVAC

Advantec

Fujian Acetron New Materials

Changzhou Sujing Electronic Material

GRIKIN Advanced Material

Umicore

Angstrom Sciences

HC Starck Solutions

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Ultra-high Purity Metal Sputtering Targets for Semiconductors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Ultra-high Purity Metal Sputtering Targets for Semiconductors, with price, sales, revenue and global market share of Ultra-high Purity Metal Sputtering Targets for Semiconductors from 2018 to 2023.

Chapter 3, the Ultra-high Purity Metal Sputtering Targets for Semiconductors competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Ultra-high Purity Metal Sputtering Targets for Semiconductors breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Purity and application, with sales market share and growth rate by purity, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Ultra-high Purity Metal Sputtering Targets for Semiconductors market forecast, by regions, purity and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Ultra-high Purity Metal Sputtering Targets for Semiconductors.

Chapter 14 and 15, to describe Ultra-high Purity Metal Sputtering Targets for Semiconductors sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Ultra-high Purity Metal Sputtering Targets for Semiconductors

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Purity

1.3.1 Overview: Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Purity: 2018 Versus 2022 Versus 2029

1.3.2 5N

1.3.3 5N5

1.3.4 6N

1.3.5 Others

1.4 Market Analysis by Application

1.4.1 Overview: Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Wafer Fabrication

1.4.3 Assembly and Testing

1.5 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Size & Forecast

1.5.1 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (2018-2029)

1.5.3 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 JX Nippon Mining & Metals Corporation

2.1.1 JX Nippon Mining & Metals Corporation Details

2.1.2 JX Nippon Mining & Metals Corporation Major Business

2.1.3 JX Nippon Mining & Metals Corporation Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.1.4 JX Nippon Mining & Metals Corporation Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 JX Nippon Mining & Metals Corporation Recent Developments/Updates

2.2 Materion

2.2.1 Materion Details

2.2.2 Materion Major Business

2.2.3 Materion Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.2.4 Materion Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Materion Recent Developments/Updates

2.3 TANAKA

2.3.1 TANAKA Details

2.3.2 TANAKA Major Business

2.3.3 TANAKA Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.3.4 TANAKA Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 TANAKA Recent Developments/Updates

2.4 Hitachi Metals

2.4.1 Hitachi Metals Details

2.4.2 Hitachi Metals Major Business

2.4.3 Hitachi Metals Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.4.4 Hitachi Metals Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Hitachi Metals Recent Developments/Updates

2.5 Plansee SE

2.5.1 Plansee SE Details

2.5.2 Plansee SE Major Business

2.5.3 Plansee SE Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.5.4 Plansee SE Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Plansee SE Recent Developments/Updates

2.6 Luoyang Sifon Electronic Materials

2.6.1 Luoyang Sifon Electronic Materials Details

2.6.2 Luoyang Sifon Electronic Materials Major Business

2.6.3 Luoyang Sifon Electronic Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.6.4 Luoyang Sifon Electronic Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market

Share (2018-2023)

2.6.5 Luoyang Sifon Electronic Materials Recent Developments/Updates

2.7 Sumitomo Chemical

2.7.1 Sumitomo Chemical Details

2.7.2 Sumitomo Chemical Major Business

2.7.3 Sumitomo Chemical Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.7.4 Sumitomo Chemical Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 Sumitomo Chemical Recent Developments/Updates

2.8 Konfoong Materials International

2.8.1 Konfoong Materials International Details

2.8.2 Konfoong Materials International Major Business

2.8.3 Konfoong Materials International Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.8.4 Konfoong Materials International Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Konfoong Materials International Recent Developments/Updates

2.9 Linde

2.9.1 Linde Details

2.9.2 Linde Major Business

2.9.3 Linde Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.9.4 Linde Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Linde Recent Developments/Updates

2.10 TOSOH

2.10.1 TOSOH Details

2.10.2 TOSOH Major Business

2.10.3 TOSOH Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.10.4 TOSOH Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 TOSOH Recent Developments/Updates

2.11 Honeywell

2.11.1 Honeywell Details

2.11.2 Honeywell Major Business

2.11.3 Honeywell Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.11.4 Honeywell Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Honeywell Recent Developments/Updates

2.12 ULVAC

2.12.1 ULVAC Details

2.12.2 ULVAC Major Business

2.12.3 ULVAC Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.12.4 ULVAC Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 ULVAC Recent Developments/Updates

2.13 Advantec

2.13.1 Advantec Details

2.13.2 Advantec Major Business

2.13.3 Advantec Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.13.4 Advantec Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Advantec Recent Developments/Updates

2.14 Fujian Acetron New Materials

2.14.1 Fujian Acetron New Materials Details

2.14.2 Fujian Acetron New Materials Major Business

2.14.3 Fujian Acetron New Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.14.4 Fujian Acetron New Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Fujian Acetron New Materials Recent Developments/Updates

2.15 Changzhou Sujing Electronic Material

2.15.1 Changzhou Sujing Electronic Material Details

2.15.2 Changzhou Sujing Electronic Material Major Business

2.15.3 Changzhou Sujing Electronic Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.15.4 Changzhou Sujing Electronic Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Changzhou Sujing Electronic Material Recent Developments/Updates

2.16 GRIKIN Advanced Material

2.16.1 GRIKIN Advanced Material Details

2.16.2 GRIKIN Advanced Material Major Business

2.16.3 GRIKIN Advanced Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.16.4 GRIKIN Advanced Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 GRIKIN Advanced Material Recent Developments/Updates

2.17 Umicore

2.17.1 Umicore Details

2.17.2 Umicore Major Business

2.17.3 Umicore Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.17.4 Umicore Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 Umicore Recent Developments/Updates

2.18 Angstrom Sciences

2.18.1 Angstrom Sciences Details

2.18.2 Angstrom Sciences Major Business

2.18.3 Angstrom Sciences Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.18.4 Angstrom Sciences Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.18.5 Angstrom Sciences Recent Developments/Updates

2.19 HC Starck Solutions

2.19.1 HC Starck Solutions Details

2.19.2 HC Starck Solutions Major Business

2.19.3 HC Starck Solutions Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

2.19.4 HC Starck Solutions Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.19.5 HC Starck Solutions Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ULTRA-HIGH PURITY METAL SPUTTERING TARGETS FOR SEMICONDUCTORS BY MANUFACTURER

- 3.1 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Revenue by Manufacturer (2018-2023)
- 3.3 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Ultra-high Purity Metal Sputtering Targets for Semiconductors by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Ultra-high Purity Metal Sputtering Targets for Semiconductors Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Ultra-high Purity Metal Sputtering Targets for Semiconductors Manufacturer Market Share in 2022
- 3.5 Ultra-high Purity Metal Sputtering Targets for Semiconductors Market: Overall Company Footprint Analysis
 - 3.5.1 Ultra-high Purity Metal Sputtering Targets for Semiconductors Market: Region Footprint
 - 3.5.2 Ultra-high Purity Metal Sputtering Targets for Semiconductors Market: Company Product Type Footprint
 - 3.5.3 Ultra-high Purity Metal Sputtering Targets for Semiconductors Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Size by Region
 - 4.1.1 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Region (2018-2029)
 - 4.1.3 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Region (2018-2029)
- 4.2 North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018-2029)
- 4.3 Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018-2029)
- 4.4 Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value (2018-2029)

4.5 South America Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value (2018-2029)

4.6 Middle East and Africa Ultra-high Purity Metal Sputtering Targets for

Semiconductors Consumption Value (2018-2029)

5 MARKET SEGMENT BY PURITY

5.1 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2029)

5.2 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Purity (2018-2029)

5.3 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Purity (2018-2029)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2029)

6.2 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Application (2018-2029)

6.3 Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2029)

7.2 North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2029)

7.3 North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Size by Country

7.3.1 North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2018-2029)

7.3.2 North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

8.1 Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2029)

8.2 Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2029)

8.3 Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Size by Country

8.3.1 Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2018-2029)

8.3.2 Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

9.1 Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2029)

9.2 Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Size by Region

9.3.1 Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

10.1 South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2029)

10.2 South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2029)

10.3 South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Size by Country

10.3.1 South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2018-2029)

10.3.2 South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2029)

11.2 Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Size by Country

11.3.1 Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Drivers

12.2 Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Restraints

12.3 Ultra-high Purity Metal Sputtering Targets for Semiconductors Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War
 - 12.5.1 Influence of COVID-19
 - 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Ultra-high Purity Metal Sputtering Targets for Semiconductors and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Ultra-high Purity Metal Sputtering Targets for Semiconductors
- 13.3 Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Process
- 13.4 Ultra-high Purity Metal Sputtering Targets for Semiconductors Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Ultra-high Purity Metal Sputtering Targets for Semiconductors Typical Distributors
- 14.3 Ultra-high Purity Metal Sputtering Targets for Semiconductors Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Purity, (USD Million), 2018 & 2022 & 2029
- Table 2. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Table 3. JX Nippon Mining & Metals Corporation Basic Information, Manufacturing Base and Competitors
- Table 4. JX Nippon Mining & Metals Corporation Major Business
- Table 5. JX Nippon Mining & Metals Corporation Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services
- Table 6. JX Nippon Mining & Metals Corporation Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 7. JX Nippon Mining & Metals Corporation Recent Developments/Updates
- Table 8. Materion Basic Information, Manufacturing Base and Competitors
- Table 9. Materion Major Business
- Table 10. Materion Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services
- Table 11. Materion Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 12. Materion Recent Developments/Updates
- Table 13. TANAKA Basic Information, Manufacturing Base and Competitors
- Table 14. TANAKA Major Business
- Table 15. TANAKA Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services
- Table 16. TANAKA Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 17. TANAKA Recent Developments/Updates
- Table 18. Hitachi Metals Basic Information, Manufacturing Base and Competitors
- Table 19. Hitachi Metals Major Business
- Table 20. Hitachi Metals Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services
- Table 21. Hitachi Metals Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin

and Market Share (2018-2023)

Table 22. Hitachi Metals Recent Developments/Updates

Table 23. Plansee SE Basic Information, Manufacturing Base and Competitors

Table 24. Plansee SE Major Business

Table 25. Plansee SE Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 26. Plansee SE Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Plansee SE Recent Developments/Updates

Table 28. Luoyang Sifon Electronic Materials Basic Information, Manufacturing Base and Competitors

Table 29. Luoyang Sifon Electronic Materials Major Business

Table 30. Luoyang Sifon Electronic Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 31. Luoyang Sifon Electronic Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. Luoyang Sifon Electronic Materials Recent Developments/Updates

Table 33. Sumitomo Chemical Basic Information, Manufacturing Base and Competitors

Table 34. Sumitomo Chemical Major Business

Table 35. Sumitomo Chemical Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 36. Sumitomo Chemical Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. Sumitomo Chemical Recent Developments/Updates

Table 38. Konfoong Materials International Basic Information, Manufacturing Base and Competitors

Table 39. Konfoong Materials International Major Business

Table 40. Konfoong Materials International Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 41. Konfoong Materials International Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Konfoong Materials International Recent Developments/Updates

Table 43. Linde Basic Information, Manufacturing Base and Competitors

Table 44. Linde Major Business

Table 45. Linde Ultra-high Purity Metal Sputtering Targets for Semiconductors Product

and Services

Table 46. Linde Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Linde Recent Developments/Updates

Table 48. TOSOH Basic Information, Manufacturing Base and Competitors

Table 49. TOSOH Major Business

Table 50. TOSOH Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 51. TOSOH Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. TOSOH Recent Developments/Updates

Table 53. Honeywell Basic Information, Manufacturing Base and Competitors

Table 54. Honeywell Major Business

Table 55. Honeywell Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 56. Honeywell Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Honeywell Recent Developments/Updates

Table 58. ULVAC Basic Information, Manufacturing Base and Competitors

Table 59. ULVAC Major Business

Table 60. ULVAC Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 61. ULVAC Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. ULVAC Recent Developments/Updates

Table 63. Advantec Basic Information, Manufacturing Base and Competitors

Table 64. Advantec Major Business

Table 65. Advantec Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 66. Advantec Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Advantec Recent Developments/Updates

Table 68. Fujian Acetron New Materials Basic Information, Manufacturing Base and Competitors

Table 69. Fujian Acetron New Materials Major Business

Table 70. Fujian Acetron New Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 71. Fujian Acetron New Materials Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Fujian Acetron New Materials Recent Developments/Updates

Table 73. Changzhou Sujing Electronic Material Basic Information, Manufacturing Base and Competitors

Table 74. Changzhou Sujing Electronic Material Major Business

Table 75. Changzhou Sujing Electronic Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 76. Changzhou Sujing Electronic Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Changzhou Sujing Electronic Material Recent Developments/Updates

Table 78. GRIKIN Advanced Material Basic Information, Manufacturing Base and Competitors

Table 79. GRIKIN Advanced Material Major Business

Table 80. GRIKIN Advanced Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 81. GRIKIN Advanced Material Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. GRIKIN Advanced Material Recent Developments/Updates

Table 83. Umicore Basic Information, Manufacturing Base and Competitors

Table 84. Umicore Major Business

Table 85. Umicore Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 86. Umicore Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. Umicore Recent Developments/Updates

Table 88. Angstrom Sciences Basic Information, Manufacturing Base and Competitors

Table 89. Angstrom Sciences Major Business

Table 90. Angstrom Sciences Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 91. Angstrom Sciences Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD

Million), Gross Margin and Market Share (2018-2023)

Table 92. Angstrom Sciences Recent Developments/Updates

Table 93. HC Starck Solutions Basic Information, Manufacturing Base and Competitors

Table 94. HC Starck Solutions Major Business

Table 95. HC Starck Solutions Ultra-high Purity Metal Sputtering Targets for Semiconductors Product and Services

Table 96. HC Starck Solutions Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 97. HC Starck Solutions Recent Developments/Updates

Table 98. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Manufacturer (2018-2023) & (Tons)

Table 99. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Revenue by Manufacturer (2018-2023) & (USD Million)

Table 100. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 101. Market Position of Manufacturers in Ultra-high Purity Metal Sputtering Targets for Semiconductors, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 102. Head Office and Ultra-high Purity Metal Sputtering Targets for Semiconductors Production Site of Key Manufacturer

Table 103. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market: Company Product Type Footprint

Table 104. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market: Company Product Application Footprint

Table 105. Ultra-high Purity Metal Sputtering Targets for Semiconductors New Market Entrants and Barriers to Market Entry

Table 106. Ultra-high Purity Metal Sputtering Targets for Semiconductors Mergers, Acquisition, Agreements, and Collaborations

Table 107. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Region (2018-2023) & (Tons)

Table 108. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Region (2024-2029) & (Tons)

Table 109. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Region (2018-2023) & (USD Million)

Table 110. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Region (2024-2029) & (USD Million)

Table 111. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Region (2018-2023) & (US\$/Ton)

Table 112. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Region (2024-2029) & (US\$/Ton)

Table 113. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2023) & (Tons)

Table 114. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2024-2029) & (Tons)

Table 115. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Purity (2018-2023) & (USD Million)

Table 116. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Purity (2024-2029) & (USD Million)

Table 117. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Purity (2018-2023) & (US\$/Ton)

Table 118. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Purity (2024-2029) & (US\$/Ton)

Table 119. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2023) & (Tons)

Table 120. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2024-2029) & (Tons)

Table 121. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Application (2018-2023) & (USD Million)

Table 122. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Application (2024-2029) & (USD Million)

Table 123. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Application (2018-2023) & (US\$/Ton)

Table 124. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Application (2024-2029) & (US\$/Ton)

Table 125. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2023) & (Tons)

Table 126. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2024-2029) & (Tons)

Table 127. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2023) & (Tons)

Table 128. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2024-2029) & (Tons)

Table 129. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2018-2023) & (Tons)

Table 130. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2024-2029) & (Tons)

Table 131. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value by Country (2018-2023) & (USD Million)

Table 132. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value by Country (2024-2029) & (USD Million)

Table 133. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity by Purity (2018-2023) & (Tons)

Table 134. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity by Purity (2024-2029) & (Tons)

Table 135. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity by Application (2018-2023) & (Tons)

Table 136. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity by Application (2024-2029) & (Tons)

Table 137. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity by Country (2018-2023) & (Tons)

Table 138. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity by Country (2024-2029) & (Tons)

Table 139. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value by Country (2018-2023) & (USD Million)

Table 140. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value by Country (2024-2029) & (USD Million)

Table 141. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity by Purity (2018-2023) & (Tons)

Table 142. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity by Purity (2024-2029) & (Tons)

Table 143. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity by Application (2018-2023) & (Tons)

Table 144. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity by Application (2024-2029) & (Tons)

Table 145. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity by Region (2018-2023) & (Tons)

Table 146. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity by Region (2024-2029) & (Tons)

Table 147. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value by Region (2018-2023) & (USD Million)

Table 148. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value by Region (2024-2029) & (USD Million)

Table 149. South America Ultra-high Purity Metal Sputtering Targets for

Semiconductors Sales Quantity by Purity (2018-2023) & (Tons)

Table 150. South America Ultra-high Purity Metal Sputtering Targets for

Semiconductors Sales Quantity by Purity (2024-2029) & (Tons)

- Table 151. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2023) & (Tons)
- Table 152. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2024-2029) & (Tons)
- Table 153. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2018-2023) & (Tons)
- Table 154. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Country (2024-2029) & (Tons)
- Table 155. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Country (2018-2023) & (USD Million)
- Table 156. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Country (2024-2029) & (USD Million)
- Table 157. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2018-2023) & (Tons)
- Table 158. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Purity (2024-2029) & (Tons)
- Table 159. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2018-2023) & (Tons)
- Table 160. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Application (2024-2029) & (Tons)
- Table 161. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Region (2018-2023) & (Tons)
- Table 162. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity by Region (2024-2029) & (Tons)
- Table 163. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Region (2018-2023) & (USD Million)
- Table 164. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Region (2024-2029) & (USD Million)
- Table 165. Ultra-high Purity Metal Sputtering Targets for Semiconductors Raw Material
- Table 166. Key Manufacturers of Ultra-high Purity Metal Sputtering Targets for Semiconductors Raw Materials
- Table 167. Ultra-high Purity Metal Sputtering Targets for Semiconductors Typical Distributors
- Table 168. Ultra-high Purity Metal Sputtering Targets for Semiconductors Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Ultra-high Purity Metal Sputtering Targets for Semiconductors Picture
- Figure 2. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Purity, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Purity in 2022
- Figure 4. 5N Examples
- Figure 5. 5N5 Examples
- Figure 6. 6N Examples
- Figure 7. Others Examples
- Figure 8. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 9. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Application in 2022
- Figure 10. Wafer Fabrication Examples
- Figure 11. Assembly and Testing Examples
- Figure 12. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 13. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 14. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity (2018-2029) & (Tons)
- Figure 15. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price (2018-2029) & (US\$/Ton)
- Figure 16. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Manufacturer in 2022
- Figure 17. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Manufacturer in 2022
- Figure 18. Producer Shipments of Ultra-high Purity Metal Sputtering Targets for Semiconductors by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 19. Top 3 Ultra-high Purity Metal Sputtering Targets for Semiconductors Manufacturer (Consumption Value) Market Share in 2022
- Figure 20. Top 6 Ultra-high Purity Metal Sputtering Targets for Semiconductors Manufacturer (Consumption Value) Market Share in 2022
- Figure 21. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Region (2018-2029)

- Figure 22. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Region (2018-2029)
- Figure 23. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018-2029) & (USD Million)
- Figure 24. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018-2029) & (USD Million)
- Figure 25. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018-2029) & (USD Million)
- Figure 26. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018-2029) & (USD Million)
- Figure 27. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value (2018-2029) & (USD Million)
- Figure 28. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Purity (2018-2029)
- Figure 29. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Purity (2018-2029)
- Figure 30. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Purity (2018-2029) & (US\$/Ton)
- Figure 31. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Application (2018-2029)
- Figure 32. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Application (2018-2029)
- Figure 33. Global Ultra-high Purity Metal Sputtering Targets for Semiconductors Average Price by Application (2018-2029) & (US\$/Ton)
- Figure 34. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Purity (2018-2029)
- Figure 35. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Application (2018-2029)
- Figure 36. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Country (2018-2029)
- Figure 37. North America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Country (2018-2029)
- Figure 38. United States Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 39. Canada Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 40. Mexico Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)
- Figure 41. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity Market Share by Purity (2018-2029)

Figure 42. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity Market Share by Application (2018-2029)

Figure 43. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales

Quantity Market Share by Country (2018-2029)

Figure 44. Europe Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Ultra-high Purity Metal Sputtering Targets for

Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity Market Share by Purity (2018-2029)

Figure 51. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value Market Share by Region (2018-2029)

Figure 54. China Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Ultra-high Purity Metal Sputtering Targets for

Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Ultra-high Purity Metal Sputtering Targets for Semiconductors

Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors

Sales Quantity Market Share by Purity (2018-2029)

Figure 61. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Purity (2018-2029)

Figure 67. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Ultra-high Purity Metal Sputtering Targets for Semiconductors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Drivers

Figure 75. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Restraints

Figure 76. Ultra-high Purity Metal Sputtering Targets for Semiconductors Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Ultra-high Purity Metal Sputtering Targets for Semiconductors in 2022

Figure 79. Manufacturing Process Analysis of Ultra-high Purity Metal Sputtering Targets for Semiconductors

Figure 80. Ultra-high Purity Metal Sputtering Targets for Semiconductors Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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