

Global Ruthenium Sputtering Target Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G28CC29F00A4EN.html>

Date: April 2026

Pages: 142

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

ID: G28CC29F00A4EN

Abstracts

The global Ruthenium Sputtering Target market size is expected to reach \$ 335 million by 2032, rising at a market growth of 6.1% CAGR during the forecast period (2026-2032).

In 2025, global Ruthenium Sputtering Target production reached approximately 3.55 Tons, with an average global market price of around US\$ 60.68 K per Kilogram.

A ruthenium sputtering target is a high-purity, solid material made of ruthenium (Ru) that is used in the semiconductor manufacturing process of physical vapor deposition (PVD). Produced via specialized sintering techniques to ensure consistent film thickness and composition across the wafer. Typically >99.999% (5N) or higher, which is essential to avoid contaminating advanced semiconductor wafers. It can minimize defects and extend the lifespan of the target material during production.

As chip features shrink to 2nm and 3nm, traditional copper (Cu) interconnects face performance limits from resistance-capacitance (RC) delay. Ruthenium is used as a liner/barrier layer between copper and the dielectric material, reducing resistance and enabling faster signal transmission. It also eliminates the need for toxic diffusion barriers like tantalum (Ta), improving manufacturing sustainability. Ruthenium films are critical for the gate stack and source/drain contacts in Gate-All-Around Field-Effect Transistor (GAAFET) architectures, which are foundational for next-generation AI and high-performance computing chips.

The global ruthenium sputtering target market is in a phase of steady expansion, driven by the penetration of advanced semiconductor nodes (2nm/3nm) and the adoption of GAAFET architectures, with the Asia-Pacific region as the core growth engine, and a

moderately concentrated competitive landscape dominated by Japanese and American manufacturers.

Asia-Pacific (APAC): The largest and fastest-growing region, accounting for ~60% of global demand (2025). Driven by TSMC, Samsung, Rapidus, and Chinese foundries scaling 3nm/2nm nodes. Japan (Furuya Metal, JX Advanced Metals) leads in high-purity target production; South Korea and China are major consumers.

North America: Second-largest market, with strong demand from Intel, IBM, and U.S. memory makers. Focus on advanced packaging and GAAFET R&D supports steady growth at a CAGR of 5.5%–6.0% (2026–2032).

Europe: Stable demand from automotive semiconductors and industrial electronics. Key players include Umicore and Kurt J. Lesker's European divisions; growth is moderate at 4.5%–5.0% CAGR.

Rest of World: Emerging demand from Southeast Asia (ASEAN fabs) and India; low base but high growth potential (CAGR 7.0%+).

This report studies the global Ruthenium Sputtering Target production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ruthenium Sputtering Target and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ruthenium Sputtering Target that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ruthenium Sputtering Target total production and demand, 2021-2032, (Tons)

Global Ruthenium Sputtering Target total production value, 2021-2032, (USD Million)

Global Ruthenium Sputtering Target production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Ruthenium Sputtering Target consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Ruthenium Sputtering Target domestic production, consumption, key domestic manufacturers and share

Global Ruthenium Sputtering Target production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Ruthenium Sputtering Target production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Ruthenium Sputtering Target production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Ruthenium Sputtering Target 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 Furuya Metal, JX Nippon Mining & Metals, GRIKIN Advanced Materials, Stanford Advanced Materials, Kurt J. Lesker, Sino-Platinum Metals, SCI Engineered Materials, American Elements, Goodfellow, Edgetech Industries, 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 Ruthenium Sputtering Target market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Ruthenium Sputtering Target Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ruthenium Sputtering Target Market, Segmentation by Type:

Rotary Type

Non Rotatable Type

Global Ruthenium Sputtering Target Market, Segmentation by Purity Grade:

5N Grade (99.999%)

5N5 Grade (99.9995%)

4N Grade (99.99%)

Global Ruthenium Sputtering Target Market, Segmentation by Manufacturing Process & Microstructure:

Sintered Ruthenium Targets

Cast Ruthenium Targets

Bonded Ruthenium Targets

Global Ruthenium Sputtering Target Market, Segmentation by Application:

Semiconductor

Chemical Vapor Deposition

Physical Vapor Deposition

Others

Companies Profiled:

Furuya Metal

JX Nippon Mining & Metals

GRIKIN Advanced Materials

Stanford Advanced Materials

Kurt J. Lesker

Sino-Platinum Metals

SCI Engineered Materials

American Elements

Goodfellow

Edgetech Industries

MSE Supplies

Changsha Xinkang Advanced Materials

Hunan Fushel Technology Limited

ALB Materials Inc

Glentham Life Sciences

Heeger Materials

Key Questions Answered:

1. How big is the global Ruthenium Sputtering Target market?
2. What is the demand of the global Ruthenium Sputtering Target market?
3. What is the year over year growth of the global Ruthenium Sputtering Target market?
4. What is the production and production value of the global Ruthenium Sputtering Target market?
5. Who are the key producers in the global Ruthenium Sputtering Target market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Ruthenium Sputtering Target Introduction
- 1.2 World Ruthenium Sputtering Target Supply & Forecast
 - 1.2.1 World Ruthenium Sputtering Target Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Ruthenium Sputtering Target Production (2021-2032)
 - 1.2.3 World Ruthenium Sputtering Target Pricing Trends (2021-2032)
- 1.3 World Ruthenium Sputtering Target Production by Region (Based on Production Site)
 - 1.3.1 World Ruthenium Sputtering Target Production Value by Region (2021-2032)
 - 1.3.2 World Ruthenium Sputtering Target Production by Region (2021-2032)
 - 1.3.3 World Ruthenium Sputtering Target Average Price by Region (2021-2032)
 - 1.3.4 North America Ruthenium Sputtering Target Production (2021-2032)
 - 1.3.5 Europe Ruthenium Sputtering Target Production (2021-2032)
 - 1.3.6 China Ruthenium Sputtering Target Production (2021-2032)
 - 1.3.7 Japan Ruthenium Sputtering Target Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Ruthenium Sputtering Target Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Ruthenium Sputtering Target Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Ruthenium Sputtering Target Demand (2021-2032)
- 2.2 World Ruthenium Sputtering Target Consumption by Region
 - 2.2.1 World Ruthenium Sputtering Target Consumption by Region (2021-2026)
 - 2.2.2 World Ruthenium Sputtering Target Consumption Forecast by Region (2027-2032)
- 2.3 United States Ruthenium Sputtering Target Consumption (2021-2032)
- 2.4 China Ruthenium Sputtering Target Consumption (2021-2032)
- 2.5 Europe Ruthenium Sputtering Target Consumption (2021-2032)
- 2.6 Japan Ruthenium Sputtering Target Consumption (2021-2032)
- 2.7 South Korea Ruthenium Sputtering Target Consumption (2021-2032)
- 2.8 ASEAN Ruthenium Sputtering Target Consumption (2021-2032)
- 2.9 India Ruthenium Sputtering Target Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Ruthenium Sputtering Target Production Value by Manufacturer (2021-2026)
- 3.2 World Ruthenium Sputtering Target Production by Manufacturer (2021-2026)
- 3.3 World Ruthenium Sputtering Target Average Price by Manufacturer (2021-2026)
- 3.4 Ruthenium Sputtering Target Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Ruthenium Sputtering Target Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Ruthenium Sputtering Target in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Ruthenium Sputtering Target in 2025
- 3.6 Ruthenium Sputtering Target Market: Overall Company Footprint Analysis
 - 3.6.1 Ruthenium Sputtering Target Market: Region Footprint
 - 3.6.2 Ruthenium Sputtering Target Market: Company Product Type Footprint
 - 3.6.3 Ruthenium Sputtering Target 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: Ruthenium Sputtering Target Production Value Comparison
 - 4.1.1 United States VS China: Ruthenium Sputtering Target Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Ruthenium Sputtering Target Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Ruthenium Sputtering Target Production Comparison
 - 4.2.1 United States VS China: Ruthenium Sputtering Target Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Ruthenium Sputtering Target Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Ruthenium Sputtering Target Consumption Comparison
 - 4.3.1 United States VS China: Ruthenium Sputtering Target Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Ruthenium Sputtering Target Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Ruthenium Sputtering Target Manufacturers and Market

Share, 2021-2026

4.4.1 United States Based Ruthenium Sputtering Target Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Ruthenium Sputtering Target Production Value (2021-2026)

4.4.3 United States Based Manufacturers Ruthenium Sputtering Target Production (2021-2026)

4.5 China Based Ruthenium Sputtering Target Manufacturers and Market Share

4.5.1 China Based Ruthenium Sputtering Target Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Ruthenium Sputtering Target Production Value (2021-2026)

4.5.3 China Based Manufacturers Ruthenium Sputtering Target Production (2021-2026)

4.6 Rest of World Based Ruthenium Sputtering Target Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Ruthenium Sputtering Target Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Ruthenium Sputtering Target Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Ruthenium Sputtering Target Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Ruthenium Sputtering Target Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Rotary Type

5.2.2 Non Rotatable Type

5.3 Market Segment by Type

5.3.1 World Ruthenium Sputtering Target Production by Type (2021-2032)

5.3.2 World Ruthenium Sputtering Target Production Value by Type (2021-2032)

5.3.3 World Ruthenium Sputtering Target Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PURITY GRADE

6.1 World Ruthenium Sputtering Target Market Size Overview by Purity Grade: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Purity Grade

6.2.1 5N Grade (99.999%)

6.2.2 5N5 Grade (99.9995%)

6.2.3 4N Grade (99.99%)

6.3 Market Segment by Purity Grade

6.3.1 World Ruthenium Sputtering Target Production by Purity Grade (2021-2032)

6.3.2 World Ruthenium Sputtering Target Production Value by Purity Grade (2021-2032)

6.3.3 World Ruthenium Sputtering Target Average Price by Purity Grade (2021-2032)

7 MARKET ANALYSIS BY MANUFACTURING PROCESS & MICROSTRUCTURE

7.1 World Ruthenium Sputtering Target Market Size Overview by Manufacturing Process & Microstructure: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Manufacturing Process & Microstructure

7.2.1 Sintered Ruthenium Targets

7.2.2 Cast Ruthenium Targets

7.2.3 Bonded Ruthenium Targets

7.3 Market Segment by Manufacturing Process & Microstructure

7.3.1 World Ruthenium Sputtering Target Production by Manufacturing Process & Microstructure (2021-2032)

7.3.2 World Ruthenium Sputtering Target Production Value by Manufacturing Process & Microstructure (2021-2032)

7.3.3 World Ruthenium Sputtering Target Average Price by Manufacturing Process & Microstructure (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Ruthenium Sputtering Target Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Semiconductor

8.2.2 Chemical Vapor Deposition

8.2.3 Physical Vapor Deposition

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Ruthenium Sputtering Target Production by Application (2021-2032)

8.3.2 World Ruthenium Sputtering Target Production Value by Application (2021-2032)

8.3.3 World Ruthenium Sputtering Target Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Furuya Metal

9.1.1 Furuya Metal Details

9.1.2 Furuya Metal Major Business

9.1.3 Furuya Metal Ruthenium Sputtering Target Product and Services

9.1.4 Furuya Metal Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Furuya Metal Recent Developments/Updates

9.1.6 Furuya Metal Competitive Strengths & Weaknesses

9.2 JX Nippon Mining & Metals

9.2.1 JX Nippon Mining & Metals Details

9.2.2 JX Nippon Mining & Metals Major Business

9.2.3 JX Nippon Mining & Metals Ruthenium Sputtering Target Product and Services

9.2.4 JX Nippon Mining & Metals Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 JX Nippon Mining & Metals Recent Developments/Updates

9.2.6 JX Nippon Mining & Metals Competitive Strengths & Weaknesses

9.3 GRIKIN Advanced Materials

9.3.1 GRIKIN Advanced Materials Details

9.3.2 GRIKIN Advanced Materials Major Business

9.3.3 GRIKIN Advanced Materials Ruthenium Sputtering Target Product and Services

9.3.4 GRIKIN Advanced Materials Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 GRIKIN Advanced Materials Recent Developments/Updates

9.3.6 GRIKIN Advanced Materials Competitive Strengths & Weaknesses

9.4 Stanford Advanced Materials

9.4.1 Stanford Advanced Materials Details

9.4.2 Stanford Advanced Materials Major Business

9.4.3 Stanford Advanced Materials Ruthenium Sputtering Target Product and Services

9.4.4 Stanford Advanced Materials Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Stanford Advanced Materials Recent Developments/Updates

9.4.6 Stanford Advanced Materials Competitive Strengths & Weaknesses

9.5 Kurt J. Lesker

9.5.1 Kurt J. Lesker Details

9.5.2 Kurt J. Lesker Major Business

9.5.3 Kurt J. Lesker Ruthenium Sputtering Target Product and Services

9.5.4 Kurt J. Lesker Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Kurt J. Lesker Recent Developments/Updates

9.5.6 Kurt J. Lesker Competitive Strengths & Weaknesses

9.6 Sino-Platinum Metals

9.6.1 Sino-Platinum Metals Details

9.6.2 Sino-Platinum Metals Major Business

9.6.3 Sino-Platinum Metals Ruthenium Sputtering Target Product and Services

9.6.4 Sino-Platinum Metals Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Sino-Platinum Metals Recent Developments/Updates

9.6.6 Sino-Platinum Metals Competitive Strengths & Weaknesses

9.7 SCI Engineered Materials

9.7.1 SCI Engineered Materials Details

9.7.2 SCI Engineered Materials Major Business

9.7.3 SCI Engineered Materials Ruthenium Sputtering Target Product and Services

9.7.4 SCI Engineered Materials Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 SCI Engineered Materials Recent Developments/Updates

9.7.6 SCI Engineered Materials Competitive Strengths & Weaknesses

9.8 American Elements

9.8.1 American Elements Details

9.8.2 American Elements Major Business

9.8.3 American Elements Ruthenium Sputtering Target Product and Services

9.8.4 American Elements Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 American Elements Recent Developments/Updates

9.8.6 American Elements Competitive Strengths & Weaknesses

9.9 Goodfellow

9.9.1 Goodfellow Details

9.9.2 Goodfellow Major Business

9.9.3 Goodfellow Ruthenium Sputtering Target Product and Services

9.9.4 Goodfellow Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Goodfellow Recent Developments/Updates

9.9.6 Goodfellow Competitive Strengths & Weaknesses

9.10 Edgetech Industries

9.10.1 Edgetech Industries Details

9.10.2 Edgetech Industries Major Business

- 9.10.3 Edgetech Industries Ruthenium Sputtering Target Product and Services
- 9.10.4 Edgetech Industries Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 Edgetech Industries Recent Developments/Updates
- 9.10.6 Edgetech Industries Competitive Strengths & Weaknesses
- 9.11 MSE Supplies
 - 9.11.1 MSE Supplies Details
 - 9.11.2 MSE Supplies Major Business
 - 9.11.3 MSE Supplies Ruthenium Sputtering Target Product and Services
 - 9.11.4 MSE Supplies Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 MSE Supplies Recent Developments/Updates
 - 9.11.6 MSE Supplies Competitive Strengths & Weaknesses
- 9.12 Changsha Xinkang Advanced Materials
 - 9.12.1 Changsha Xinkang Advanced Materials Details
 - 9.12.2 Changsha Xinkang Advanced Materials Major Business
 - 9.12.3 Changsha Xinkang Advanced Materials Ruthenium Sputtering Target Product and Services
 - 9.12.4 Changsha Xinkang Advanced Materials Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 Changsha Xinkang Advanced Materials Recent Developments/Updates
 - 9.12.6 Changsha Xinkang Advanced Materials Competitive Strengths & Weaknesses
- 9.13 Hunan Fushel Technology Limited
 - 9.13.1 Hunan Fushel Technology Limited Details
 - 9.13.2 Hunan Fushel Technology Limited Major Business
 - 9.13.3 Hunan Fushel Technology Limited Ruthenium Sputtering Target Product and Services
 - 9.13.4 Hunan Fushel Technology Limited Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 Hunan Fushel Technology Limited Recent Developments/Updates
 - 9.13.6 Hunan Fushel Technology Limited Competitive Strengths & Weaknesses
- 9.14 ALB Materials Inc
 - 9.14.1 ALB Materials Inc Details
 - 9.14.2 ALB Materials Inc Major Business
 - 9.14.3 ALB Materials Inc Ruthenium Sputtering Target Product and Services
 - 9.14.4 ALB Materials Inc Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 ALB Materials Inc Recent Developments/Updates
 - 9.14.6 ALB Materials Inc Competitive Strengths & Weaknesses

9.15 Glentham Life Sciences

9.15.1 Glentham Life Sciences Details

9.15.2 Glentham Life Sciences Major Business

9.15.3 Glentham Life Sciences Ruthenium Sputtering Target Product and Services

9.15.4 Glentham Life Sciences Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Glentham Life Sciences Recent Developments/Updates

9.15.6 Glentham Life Sciences Competitive Strengths & Weaknesses

9.16 Heeger Materials

9.16.1 Heeger Materials Details

9.16.2 Heeger Materials Major Business

9.16.3 Heeger Materials Ruthenium Sputtering Target Product and Services

9.16.4 Heeger Materials Ruthenium Sputtering Target Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 Heeger Materials Recent Developments/Updates

9.16.6 Heeger Materials Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Ruthenium Sputtering Target Industry Chain

10.2 Ruthenium Sputtering Target Upstream Analysis

10.2.1 Ruthenium Sputtering Target Core Raw Materials

10.2.2 Main Manufacturers of Ruthenium Sputtering Target Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Ruthenium Sputtering Target Production Mode

10.6 Ruthenium Sputtering Target Procurement Model

10.7 Ruthenium Sputtering Target Industry Sales Model and Sales Channels

10.7.1 Ruthenium Sputtering Target Sales Model

10.7.2 Ruthenium Sputtering Target Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Ruthenium Sputtering Target Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Ruthenium Sputtering Target Production Value by Region (2021-2026) & (USD Million)

Table 3. World Ruthenium Sputtering Target Production Value by Region (2027-2032) & (USD Million)

Table 4. World Ruthenium Sputtering Target Production Value Market Share by Region (2021-2026)

Table 5. World Ruthenium Sputtering Target Production Value Market Share by Region (2027-2032)

Table 6. World Ruthenium Sputtering Target Production by Region (2021-2026) & (Tons)

Table 7. World Ruthenium Sputtering Target Production by Region (2027-2032) & (Tons)

Table 8. World Ruthenium Sputtering Target Production Market Share by Region (2021-2026)

Table 9. World Ruthenium Sputtering Target Production Market Share by Region (2027-2032)

Table 10. World Ruthenium Sputtering Target Average Price by Region (2021-2026) & (US\$/Kg)

Table 11. World Ruthenium Sputtering Target Average Price by Region (2027-2032) & (US\$/Kg)

Table 12. Ruthenium Sputtering Target Major Market Trends

Table 13. World Ruthenium Sputtering Target Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Ruthenium Sputtering Target Consumption by Region (2021-2026) & (Tons)

Table 15. World Ruthenium Sputtering Target Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Ruthenium Sputtering Target Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Ruthenium Sputtering Target Producers in 2025

Table 18. World Ruthenium Sputtering Target Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Ruthenium Sputtering Target Producers in 2025

Table 20. World Ruthenium Sputtering Target Average Price by Manufacturer (2021-2026) & (US\$/Kg)

Table 21. Global Ruthenium Sputtering Target Company Evaluation Quadrant

Table 22. World Ruthenium Sputtering Target Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Ruthenium Sputtering Target Production Site of Key Manufacturer

Table 24. Ruthenium Sputtering Target Market: Company Product Type Footprint

Table 25. Ruthenium Sputtering Target Market: Company Product Application Footprint

Table 26. Ruthenium Sputtering Target Competitive Factors

Table 27. Ruthenium Sputtering Target New Entrant and Capacity Expansion Plans

Table 28. Ruthenium Sputtering Target Mergers & Acquisitions Activity

Table 29. United States VS China Ruthenium Sputtering Target Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Ruthenium Sputtering Target Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Ruthenium Sputtering Target Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Ruthenium Sputtering Target Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Ruthenium Sputtering Target Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Ruthenium Sputtering Target Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Ruthenium Sputtering Target Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Ruthenium Sputtering Target Production Market Share (2021-2026)

Table 37. China Based Ruthenium Sputtering Target Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Ruthenium Sputtering Target Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Ruthenium Sputtering Target Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Ruthenium Sputtering Target Production, (2021-2026) & (Tons)

Table 41. China Based Manufacturers Ruthenium Sputtering Target Production Market

Share (2021-2026)

Table 42. Rest of World Based Ruthenium Sputtering Target Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Ruthenium Sputtering Target Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Ruthenium Sputtering Target Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Ruthenium Sputtering Target Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Ruthenium Sputtering Target Production Market Share (2021-2026)

Table 47. World Ruthenium Sputtering Target Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Ruthenium Sputtering Target Production by Type (2021-2026) & (Tons)

Table 49. World Ruthenium Sputtering Target Production by Type (2027-2032) & (Tons)

Table 50. World Ruthenium Sputtering Target Production Value by Type (2021-2026) & (USD Million)

Table 51. World Ruthenium Sputtering Target Production Value by Type (2027-2032) & (USD Million)

Table 52. World Ruthenium Sputtering Target Average Price by Type (2021-2026) & (US\$/Kg)

Table 53. World Ruthenium Sputtering Target Average Price by Type (2027-2032) & (US\$/Kg)

Table 54. World Ruthenium Sputtering Target Production Value by Purity Grade, (USD Million), 2021 & 2025 & 2032

Table 55. World Ruthenium Sputtering Target Production by Purity Grade (2021-2026) & (Tons)

Table 56. World Ruthenium Sputtering Target Production by Purity Grade (2027-2032) & (Tons)

Table 57. World Ruthenium Sputtering Target Production Value by Purity Grade (2021-2026) & (USD Million)

Table 58. World Ruthenium Sputtering Target Production Value by Purity Grade (2027-2032) & (USD Million)

Table 59. World Ruthenium Sputtering Target Average Price by Purity Grade (2021-2026) & (US\$/Kg)

Table 60. World Ruthenium Sputtering Target Average Price by Purity Grade (2027-2032) & (US\$/Kg)

Table 61. World Ruthenium Sputtering Target Production Value by Manufacturing Process & Microstructure, (USD Million), 2021 & 2025 & 2032

Table 62. World Ruthenium Sputtering Target Production by Manufacturing Process & Microstructure (2021-2026) & (Tons)

Table 63. World Ruthenium Sputtering Target Production by Manufacturing Process & Microstructure (2027-2032) & (Tons)

Table 64. World Ruthenium Sputtering Target Production Value by Manufacturing Process & Microstructure (2021-2026) & (USD Million)

Table 65. World Ruthenium Sputtering Target Production Value by Manufacturing Process & Microstructure (2027-2032) & (USD Million)

Table 66. World Ruthenium Sputtering Target Average Price by Manufacturing Process & Microstructure (2021-2026) & (US\$/Kg)

Table 67. World Ruthenium Sputtering Target Average Price by Manufacturing Process & Microstructure (2027-2032) & (US\$/Kg)

Table 68. World Ruthenium Sputtering Target Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Ruthenium Sputtering Target Production by Application (2021-2026) & (Tons)

Table 70. World Ruthenium Sputtering Target Production by Application (2027-2032) & (Tons)

Table 71. World Ruthenium Sputtering Target Production Value by Application (2021-2026) & (USD Million)

Table 72. World Ruthenium Sputtering Target Production Value by Application (2027-2032) & (USD Million)

Table 73. World Ruthenium Sputtering Target Average Price by Application (2021-2026) & (US\$/Kg)

Table 74. World Ruthenium Sputtering Target Average Price by Application (2027-2032) & (US\$/Kg)

Table 75. Furuya Metal Basic Information, Manufacturing Base and Competitors

Table 76. Furuya Metal Major Business

Table 77. Furuya Metal Ruthenium Sputtering Target Product and Services

Table 78. Furuya Metal Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Furuya Metal Recent Developments/Updates

Table 80. Furuya Metal Competitive Strengths & Weaknesses

Table 81. JX Nippon Mining & Metals Basic Information, Manufacturing Base and Competitors

Table 82. JX Nippon Mining & Metals Major Business

Table 83. JX Nippon Mining & Metals Ruthenium Sputtering Target Product and Services

Table 84. JX Nippon Mining & Metals Ruthenium Sputtering Target Production (Tons),

Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. JX Nippon Mining & Metals Recent Developments/Updates

Table 86. JX Nippon Mining & Metals Competitive Strengths & Weaknesses

Table 87. GRIKIN Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 88. GRIKIN Advanced Materials Major Business

Table 89. GRIKIN Advanced Materials Ruthenium Sputtering Target Product and Services

Table 90. GRIKIN Advanced Materials Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. GRIKIN Advanced Materials Recent Developments/Updates

Table 92. GRIKIN Advanced Materials Competitive Strengths & Weaknesses

Table 93. Stanford Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 94. Stanford Advanced Materials Major Business

Table 95. Stanford Advanced Materials Ruthenium Sputtering Target Product and Services

Table 96. Stanford Advanced Materials Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Stanford Advanced Materials Recent Developments/Updates

Table 98. Stanford Advanced Materials Competitive Strengths & Weaknesses

Table 99. Kurt J. Lesker Basic Information, Manufacturing Base and Competitors

Table 100. Kurt J. Lesker Major Business

Table 101. Kurt J. Lesker Ruthenium Sputtering Target Product and Services

Table 102. Kurt J. Lesker Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Kurt J. Lesker Recent Developments/Updates

Table 104. Kurt J. Lesker Competitive Strengths & Weaknesses

Table 105. Sino-Platinum Metals Basic Information, Manufacturing Base and Competitors

Table 106. Sino-Platinum Metals Major Business

Table 107. Sino-Platinum Metals Ruthenium Sputtering Target Product and Services

Table 108. Sino-Platinum Metals Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Sino-Platinum Metals Recent Developments/Updates

Table 110. Sino-Platinum Metals Competitive Strengths & Weaknesses

- Table 111. SCI Engineered Materials Basic Information, Manufacturing Base and Competitors
- Table 112. SCI Engineered Materials Major Business
- Table 113. SCI Engineered Materials Ruthenium Sputtering Target Product and Services
- Table 114. SCI Engineered Materials Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. SCI Engineered Materials Recent Developments/Updates
- Table 116. SCI Engineered Materials Competitive Strengths & Weaknesses
- Table 117. American Elements Basic Information, Manufacturing Base and Competitors
- Table 118. American Elements Major Business
- Table 119. American Elements Ruthenium Sputtering Target Product and Services
- Table 120. American Elements Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. American Elements Recent Developments/Updates
- Table 122. American Elements Competitive Strengths & Weaknesses
- Table 123. Goodfellow Basic Information, Manufacturing Base and Competitors
- Table 124. Goodfellow Major Business
- Table 125. Goodfellow Ruthenium Sputtering Target Product and Services
- Table 126. Goodfellow Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. Goodfellow Recent Developments/Updates
- Table 128. Goodfellow Competitive Strengths & Weaknesses
- Table 129. Edgetech Industries Basic Information, Manufacturing Base and Competitors
- Table 130. Edgetech Industries Major Business
- Table 131. Edgetech Industries Ruthenium Sputtering Target Product and Services
- Table 132. Edgetech Industries Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Edgetech Industries Recent Developments/Updates
- Table 134. Edgetech Industries Competitive Strengths & Weaknesses
- Table 135. MSE Supplies Basic Information, Manufacturing Base and Competitors
- Table 136. MSE Supplies Major Business
- Table 137. MSE Supplies Ruthenium Sputtering Target Product and Services
- Table 138. MSE Supplies Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. MSE Supplies Recent Developments/Updates
- Table 140. MSE Supplies Competitive Strengths & Weaknesses
- Table 141. Changsha Xinkang Advanced Materials Basic Information, Manufacturing

Base and Competitors

Table 142. Changsha Xinkang Advanced Materials Major Business

Table 143. Changsha Xinkang Advanced Materials Ruthenium Sputtering Target Product and Services

Table 144. Changsha Xinkang Advanced Materials Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Changsha Xinkang Advanced Materials Recent Developments/Updates

Table 146. Changsha Xinkang Advanced Materials Competitive Strengths & Weaknesses

Table 147. Hunan Fushel Technology Limited Basic Information, Manufacturing Base and Competitors

Table 148. Hunan Fushel Technology Limited Major Business

Table 149. Hunan Fushel Technology Limited Ruthenium Sputtering Target Product and Services

Table 150. Hunan Fushel Technology Limited Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Hunan Fushel Technology Limited Recent Developments/Updates

Table 152. Hunan Fushel Technology Limited Competitive Strengths & Weaknesses

Table 153. ALB Materials Inc Basic Information, Manufacturing Base and Competitors

Table 154. ALB Materials Inc Major Business

Table 155. ALB Materials Inc Ruthenium Sputtering Target Product and Services

Table 156. ALB Materials Inc Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. ALB Materials Inc Recent Developments/Updates

Table 158. ALB Materials Inc Competitive Strengths & Weaknesses

Table 159. Glentham Life Sciences Basic Information, Manufacturing Base and Competitors

Table 160. Glentham Life Sciences Major Business

Table 161. Glentham Life Sciences Ruthenium Sputtering Target Product and Services

Table 162. Glentham Life Sciences Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. Glentham Life Sciences Recent Developments/Updates

Table 164. Glentham Life Sciences Competitive Strengths & Weaknesses

Table 165. Heeger Materials Basic Information, Manufacturing Base and Competitors

Table 166. Heeger Materials Major Business

Table 167. Heeger Materials Ruthenium Sputtering Target Product and Services

Table 168. Heeger Materials Ruthenium Sputtering Target Production (Tons), Price (US\$/Kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. Heeger Materials Recent Developments/Updates

Table 170. Heeger Materials Competitive Strengths & Weaknesses

Table 171. Global Key Players of Ruthenium Sputtering Target Upstream (Raw Materials)

Table 172. Global Ruthenium Sputtering Target Typical Customers

Table 173. Ruthenium Sputtering Target Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Ruthenium Sputtering Target Picture

Figure 2. World Ruthenium Sputtering Target Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Ruthenium Sputtering Target Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Ruthenium Sputtering Target Production (2021-2032) & (Tons)

Figure 5. World Ruthenium Sputtering Target Average Price (2021-2032) & (US\$/Kg)

Figure 6. World Ruthenium Sputtering Target Production Value Market Share by Region (2021-2032)

Figure 7. World Ruthenium Sputtering Target Production Market Share by Region (2021-2032)

Figure 8. North America Ruthenium Sputtering Target Production (2021-2032) & (Tons)

Figure 9. Europe Ruthenium Sputtering Target Production (2021-2032) & (Tons)

Figure 10. China Ruthenium Sputtering Target Production (2021-2032) & (Tons)

Figure 11. Japan Ruthenium Sputtering Target Production (2021-2032) & (Tons)

Figure 12. Ruthenium Sputtering Target Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 15. World Ruthenium Sputtering Target Consumption Market Share by Region (2021-2032)

Figure 16. United States Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 17. China Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 18. Europe Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 19. Japan Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 20. South Korea Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 21. ASEAN Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 22. India Ruthenium Sputtering Target Consumption (2021-2032) & (Tons)

Figure 23. Producer Shipments of Ruthenium Sputtering Target by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Ruthenium Sputtering Target Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Ruthenium Sputtering Target Markets in 2025

Figure 26. United States VS China: Ruthenium Sputtering Target Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Ruthenium Sputtering Target Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Ruthenium Sputtering Target Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Ruthenium Sputtering Target Production Market Share 2025

Figure 30. China Based Manufacturers Ruthenium Sputtering Target Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Ruthenium Sputtering Target Production Market Share 2025

Figure 32. World Ruthenium Sputtering Target Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Ruthenium Sputtering Target Production Value Market Share by Type in 2025

Figure 34. Rotary Type

Figure 35. Non Rotatable Type

Figure 36. World Ruthenium Sputtering Target Production Market Share by Type (2021-2032)

Figure 37. World Ruthenium Sputtering Target Production Value Market Share by Type (2021-2032)

Figure 38. World Ruthenium Sputtering Target Average Price by Type (2021-2032) & (US\$/Kg)

Figure 39. World Ruthenium Sputtering Target Production Value by Purity Grade, (USD Million), 2021 & 2025 & 2032

Figure 40. World Ruthenium Sputtering Target Production Value Market Share by Purity Grade in 2025

Figure 41. 5N Grade (99.999%)

Figure 42. 5N5 Grade (99.9995%)

Figure 43. 4N Grade (99.99%)

Figure 44. World Ruthenium Sputtering Target Production Market Share by Purity Grade (2021-2032)

Figure 45. World Ruthenium Sputtering Target Production Value Market Share by Purity Grade (2021-2032)

Figure 46. World Ruthenium Sputtering Target Average Price by Purity Grade (2021-2032) & (US\$/Kg)

Figure 47. World Ruthenium Sputtering Target Production Value by Manufacturing Process & Microstructure, (USD Million), 2021 & 2025 & 2032

Figure 48. World Ruthenium Sputtering Target Production Value Market Share by Manufacturing Process & Microstructure in 2025

Figure 49. Sintered Ruthenium Targets

Figure 50. Cast Ruthenium Targets

Figure 51. Bonded Ruthenium Targets

Figure 52. World Ruthenium Sputtering Target Production Market Share by Manufacturing Process & Microstructure (2021-2032)

Figure 53. World Ruthenium Sputtering Target Production Value Market Share by Manufacturing Process & Microstructure (2021-2032)

Figure 54. World Ruthenium Sputtering Target Average Price by Manufacturing Process & Microstructure (2021-2032) & (US\$/Kg)

Figure 55. World Ruthenium Sputtering Target Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World Ruthenium Sputtering Target Production Value Market Share by Application in 2025

Figure 57. Semiconductor

Figure 58. Chemical Vapor Deposition

Figure 59. Physical Vapor Deposition

Figure 60. Others

Figure 61. World Ruthenium Sputtering Target Production Market Share by Application (2021-2032)

Figure 62. World Ruthenium Sputtering Target Production Value Market Share by Application (2021-2032)

Figure 63. World Ruthenium Sputtering Target Average Price by Application (2021-2032) & (US\$/Kg)

Figure 64. Ruthenium Sputtering Target Industry Chain

Figure 65. Ruthenium Sputtering Target Procurement Model

Figure 66. Ruthenium Sputtering Target Sales Model

Figure 67. Ruthenium Sputtering Target Sales Channels, Direct Sales, and Distribution

Figure 68. Methodology

Figure 69. Research Process and Data Source

I would like to order

Product name: Global Ruthenium Sputtering Target Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G28CC29F00A4EN.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/G28CC29F00A4EN.html>