

Global Tantalum Nitride (TaN) Powder Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Tantalum Nitride (TaN) Powder market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Tantalum nitride is dark gray powder, insoluble in water. With a high melting point (3090°C) and a density of 13.4, tantalum nitride is commonly used as an insulating layer in computer chips and thin-film resistors. It is used in conductive materials and as a coating in Physical Vapor Deposition (PVD), TaN powder can be used to make crucibles, etc. TiN is an important compound to improve the performance of TiC-based cermet cutting tools. With the recent rapid increase in usage of cermet cutting tools, the demand is also growing accordingly. TiN can also be used to improve the performance of high-speed alloys, in addition to being used as a decorative gold alloy. TiN, ZrN, TaN, etc. are used as targets for PVD coatings, and as additives to add electrical and thermal conductivity to oxide and nitride ceramics

This report studies the global Tantalum Nitride (TaN) Powder production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Tantalum Nitride (TaN) Powder total production and demand, 2018-2029, (Tons)

Global Tantalum Nitride (TaN) Powder total production value, 2018-2029, (USD Million)

Global Tantalum Nitride (TaN) Powder production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Tantalum Nitride (TaN) Powder consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Tantalum Nitride (TaN) Powder domestic production, consumption, key domestic manufacturers and share

Global Tantalum Nitride (TaN) Powder production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Tantalum Nitride (TaN) Powder production by Purity, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Tantalum Nitride (TaN) Powder production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Tantalum Nitride (TaN) Powder 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 Atlantic Equipment Engineers, American Elements, TCP Analytical, Triangle Refractory Materials (TRM), Advanced Engineering Materials Limited (AEM), Luoyang Tongrun Nano Technology, Treibacher Industrie AG, ESPI Metals and Tanki New Materials, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Tantalum Nitride (TaN) Powder market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (USD/Ton) by

manufacturer, by Purity, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Tantalum Nitride (TaN) Powder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Tantalum Nitride (TaN) Powder Market, Segmentation by Purity

>99.0%

99.0%-99.5%

99.5%-99.9%

>99.9%

Global Tantalum Nitride (TaN) Powder Market, Segmentation by Application

Chip Resistors

Additives for Superhard Materials

Integrated Circuit Manufacturing

Thin Film Resistors

Other

Companies Profiled:

Atlantic Equipment Engineers

American Elements

TCP Analytical

Triangle Refractory Materials (TRM)

Advanced Engineering Materials Limited (AEM)

Luoyang Tongrun Nano Technology

Treibacher Industrie AG

ESPI Metals

Tanki New Materials

JAPAN NEW METALS

XI'AN FUNCTION MATERIAL

Beijing Zhongke Keyou Technology

Key Questions Answered

1. How big is the global Tantalum Nitride (TaN) Powder market?

2. What is the demand of the global Tantalum Nitride (TaN) Powder market?
3. What is the year over year growth of the global Tantalum Nitride (TaN) Powder market?
4. What is the production and production value of the global Tantalum Nitride (TaN) Powder market?
5. Who are the key producers in the global Tantalum Nitride (TaN) Powder market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Tantalum Nitride (TaN) Powder Introduction
- 1.2 World Tantalum Nitride (TaN) Powder Supply & Forecast
 - 1.2.1 World Tantalum Nitride (TaN) Powder Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Tantalum Nitride (TaN) Powder Production (2018-2029)
 - 1.2.3 World Tantalum Nitride (TaN) Powder Pricing Trends (2018-2029)
- 1.3 World Tantalum Nitride (TaN) Powder Production by Region (Based on Production Site)
 - 1.3.1 World Tantalum Nitride (TaN) Powder Production Value by Region (2018-2029)
 - 1.3.2 World Tantalum Nitride (TaN) Powder Production by Region (2018-2029)
 - 1.3.3 World Tantalum Nitride (TaN) Powder Average Price by Region (2018-2029)
 - 1.3.4 North America Tantalum Nitride (TaN) Powder Production (2018-2029)
 - 1.3.5 Europe Tantalum Nitride (TaN) Powder Production (2018-2029)
 - 1.3.6 China Tantalum Nitride (TaN) Powder Production (2018-2029)
 - 1.3.7 Japan Tantalum Nitride (TaN) Powder Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Tantalum Nitride (TaN) Powder Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Tantalum Nitride (TaN) Powder Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Tantalum Nitride (TaN) Powder Demand (2018-2029)
- 2.2 World Tantalum Nitride (TaN) Powder Consumption by Region
 - 2.2.1 World Tantalum Nitride (TaN) Powder Consumption by Region (2018-2023)
 - 2.2.2 World Tantalum Nitride (TaN) Powder Consumption Forecast by Region (2024-2029)
- 2.3 United States Tantalum Nitride (TaN) Powder Consumption (2018-2029)
- 2.4 China Tantalum Nitride (TaN) Powder Consumption (2018-2029)
- 2.5 Europe Tantalum Nitride (TaN) Powder Consumption (2018-2029)
- 2.6 Japan Tantalum Nitride (TaN) Powder Consumption (2018-2029)
- 2.7 South Korea Tantalum Nitride (TaN) Powder Consumption (2018-2029)
- 2.8 ASEAN Tantalum Nitride (TaN) Powder Consumption (2018-2029)

2.9 India Tantalum Nitride (TaN) Powder Consumption (2018-2029)

3 WORLD TANTALUM NITRIDE (TaN) POWDER MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Tantalum Nitride (TaN) Powder Production Value by Manufacturer (2018-2023)

3.2 World Tantalum Nitride (TaN) Powder Production by Manufacturer (2018-2023)

3.3 World Tantalum Nitride (TaN) Powder Average Price by Manufacturer (2018-2023)

3.4 Tantalum Nitride (TaN) Powder Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Tantalum Nitride (TaN) Powder Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Tantalum Nitride (TaN) Powder in 2022

3.5.3 Global Concentration Ratios (CR8) for Tantalum Nitride (TaN) Powder in 2022

3.6 Tantalum Nitride (TaN) Powder Market: Overall Company Footprint Analysis

3.6.1 Tantalum Nitride (TaN) Powder Market: Region Footprint

3.6.2 Tantalum Nitride (TaN) Powder Market: Company Product Type Footprint

3.6.3 Tantalum Nitride (TaN) Powder 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: Tantalum Nitride (TaN) Powder Production Value Comparison

4.1.1 United States VS China: Tantalum Nitride (TaN) Powder Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Tantalum Nitride (TaN) Powder Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Tantalum Nitride (TaN) Powder Production Comparison

4.2.1 United States VS China: Tantalum Nitride (TaN) Powder Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Tantalum Nitride (TaN) Powder Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Tantalum Nitride (TaN) Powder Consumption Comparison

4.3.1 United States VS China: Tantalum Nitride (TaN) Powder Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Tantalum Nitride (TaN) Powder Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Tantalum Nitride (TaN) Powder Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Tantalum Nitride (TaN) Powder Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Tantalum Nitride (TaN) Powder Production Value (2018-2023)

4.4.3 United States Based Manufacturers Tantalum Nitride (TaN) Powder Production (2018-2023)

4.5 China Based Tantalum Nitride (TaN) Powder Manufacturers and Market Share

4.5.1 China Based Tantalum Nitride (TaN) Powder Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Tantalum Nitride (TaN) Powder Production Value (2018-2023)

4.5.3 China Based Manufacturers Tantalum Nitride (TaN) Powder Production (2018-2023)

4.6 Rest of World Based Tantalum Nitride (TaN) Powder Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Tantalum Nitride (TaN) Powder Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Tantalum Nitride (TaN) Powder Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Tantalum Nitride (TaN) Powder Production (2018-2023)

5 MARKET ANALYSIS BY PURITY

5.1 World Tantalum Nitride (TaN) Powder Market Size Overview by Purity: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Purity

5.2.1 ?99.0%

5.2.2 99.0%-99.5%

5.2.3 99.5%-99.9%

5.2.4 ?99.9%

5.3 Market Segment by Purity

5.3.1 World Tantalum Nitride (TaN) Powder Production by Purity (2018-2029)

5.3.2 World Tantalum Nitride (TaN) Powder Production Value by Purity (2018-2029)

5.3.3 World Tantalum Nitride (TaN) Powder Average Price by Purity (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Tantalum Nitride (TaN) Powder Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Chip Resistors

6.2.2 Additives for Superhard Materials

6.2.3 Integrated Circuit Manufacturing

6.2.4 Thin Film Resistors

6.2.5 Other

6.3 Market Segment by Application

6.3.1 World Tantalum Nitride (TaN) Powder Production by Application (2018-2029)

6.3.2 World Tantalum Nitride (TaN) Powder Production Value by Application (2018-2029)

6.3.3 World Tantalum Nitride (TaN) Powder Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Atlantic Equipment Engineers

7.1.1 Atlantic Equipment Engineers Details

7.1.2 Atlantic Equipment Engineers Major Business

7.1.3 Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Product and Services

7.1.4 Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Atlantic Equipment Engineers Recent Developments/Updates

7.1.6 Atlantic Equipment Engineers Competitive Strengths & Weaknesses

7.2 American Elements

7.2.1 American Elements Details

7.2.2 American Elements Major Business

7.2.3 American Elements Tantalum Nitride (TaN) Powder Product and Services

7.2.4 American Elements Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 American Elements Recent Developments/Updates

7.2.6 American Elements Competitive Strengths & Weaknesses

7.3 TCP Analytical

- 7.3.1 TCP Analytical Details
- 7.3.2 TCP Analytical Major Business
- 7.3.3 TCP Analytical Tantalum Nitride (TaN) Powder Product and Services
- 7.3.4 TCP Analytical Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 TCP Analytical Recent Developments/Updates
- 7.3.6 TCP Analytical Competitive Strengths & Weaknesses
- 7.4 Triangle Refractory Materials (TRM)
 - 7.4.1 Triangle Refractory Materials (TRM) Details
 - 7.4.2 Triangle Refractory Materials (TRM) Major Business
 - 7.4.3 Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Product and Services
 - 7.4.4 Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Triangle Refractory Materials (TRM) Recent Developments/Updates
 - 7.4.6 Triangle Refractory Materials (TRM) Competitive Strengths & Weaknesses
- 7.5 Advanced Engineering Materials Limited (AEM)
 - 7.5.1 Advanced Engineering Materials Limited (AEM) Details
 - 7.5.2 Advanced Engineering Materials Limited (AEM) Major Business
 - 7.5.3 Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Product and Services
 - 7.5.4 Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Advanced Engineering Materials Limited (AEM) Recent Developments/Updates
 - 7.5.6 Advanced Engineering Materials Limited (AEM) Competitive Strengths & Weaknesses
- 7.6 Luoyang Tongrun Nano Technology
 - 7.6.1 Luoyang Tongrun Nano Technology Details
 - 7.6.2 Luoyang Tongrun Nano Technology Major Business
 - 7.6.3 Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Product and Services
 - 7.6.4 Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Luoyang Tongrun Nano Technology Recent Developments/Updates
 - 7.6.6 Luoyang Tongrun Nano Technology Competitive Strengths & Weaknesses
- 7.7 Treibacher Industrie AG
 - 7.7.1 Treibacher Industrie AG Details
 - 7.7.2 Treibacher Industrie AG Major Business
 - 7.7.3 Treibacher Industrie AG Tantalum Nitride (TaN) Powder Product and Services

7.7.4 Treibacher Industrie AG Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Treibacher Industrie AG Recent Developments/Updates

7.7.6 Treibacher Industrie AG Competitive Strengths & Weaknesses

7.8 ESPI Metals

7.8.1 ESPI Metals Details

7.8.2 ESPI Metals Major Business

7.8.3 ESPI Metals Tantalum Nitride (TaN) Powder Product and Services

7.8.4 ESPI Metals Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 ESPI Metals Recent Developments/Updates

7.8.6 ESPI Metals Competitive Strengths & Weaknesses

7.9 Tanki New Materials

7.9.1 Tanki New Materials Details

7.9.2 Tanki New Materials Major Business

7.9.3 Tanki New Materials Tantalum Nitride (TaN) Powder Product and Services

7.9.4 Tanki New Materials Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Tanki New Materials Recent Developments/Updates

7.9.6 Tanki New Materials Competitive Strengths & Weaknesses

7.10 JAPAN NEW METALS

7.10.1 JAPAN NEW METALS Details

7.10.2 JAPAN NEW METALS Major Business

7.10.3 JAPAN NEW METALS Tantalum Nitride (TaN) Powder Product and Services

7.10.4 JAPAN NEW METALS Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 JAPAN NEW METALS Recent Developments/Updates

7.10.6 JAPAN NEW METALS Competitive Strengths & Weaknesses

7.11 XI'AN FUNCTION MATERIAL

7.11.1 XI'AN FUNCTION MATERIAL Details

7.11.2 XI'AN FUNCTION MATERIAL Major Business

7.11.3 XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Product and Services

7.11.4 XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 XI'AN FUNCTION MATERIAL Recent Developments/Updates

7.11.6 XI'AN FUNCTION MATERIAL Competitive Strengths & Weaknesses

7.12 Beijing Zhongke Keyou Technology

7.12.1 Beijing Zhongke Keyou Technology Details

- 7.12.2 Beijing Zhongke Keyou Technology Major Business
- 7.12.3 Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Product and Services
- 7.12.4 Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.12.5 Beijing Zhongke Keyou Technology Recent Developments/Updates
- 7.12.6 Beijing Zhongke Keyou Technology Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Tantalum Nitride (TaN) Powder Industry Chain
- 8.2 Tantalum Nitride (TaN) Powder Upstream Analysis
 - 8.2.1 Tantalum Nitride (TaN) Powder Core Raw Materials
 - 8.2.2 Main Manufacturers of Tantalum Nitride (TaN) Powder Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Tantalum Nitride (TaN) Powder Production Mode
- 8.6 Tantalum Nitride (TaN) Powder Procurement Model
- 8.7 Tantalum Nitride (TaN) Powder Industry Sales Model and Sales Channels
 - 8.7.1 Tantalum Nitride (TaN) Powder Sales Model
 - 8.7.2 Tantalum Nitride (TaN) Powder Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Tantalum Nitride (TaN) Powder Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Tantalum Nitride (TaN) Powder Production Value by Region (2018-2023) & (USD Million)

Table 3. World Tantalum Nitride (TaN) Powder Production Value by Region (2024-2029) & (USD Million)

Table 4. World Tantalum Nitride (TaN) Powder Production Value Market Share by Region (2018-2023)

Table 5. World Tantalum Nitride (TaN) Powder Production Value Market Share by Region (2024-2029)

Table 6. World Tantalum Nitride (TaN) Powder Production by Region (2018-2023) & (Tons)

Table 7. World Tantalum Nitride (TaN) Powder Production by Region (2024-2029) & (Tons)

Table 8. World Tantalum Nitride (TaN) Powder Production Market Share by Region (2018-2023)

Table 9. World Tantalum Nitride (TaN) Powder Production Market Share by Region (2024-2029)

Table 10. World Tantalum Nitride (TaN) Powder Average Price by Region (2018-2023) & (USD/Ton)

Table 11. World Tantalum Nitride (TaN) Powder Average Price by Region (2024-2029) & (USD/Ton)

Table 12. Tantalum Nitride (TaN) Powder Major Market Trends

Table 13. World Tantalum Nitride (TaN) Powder Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Tantalum Nitride (TaN) Powder Consumption by Region (2018-2023) & (Tons)

Table 15. World Tantalum Nitride (TaN) Powder Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Tantalum Nitride (TaN) Powder Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Tantalum Nitride (TaN) Powder Producers in 2022

Table 18. World Tantalum Nitride (TaN) Powder Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Tantalum Nitride (TaN) Powder Producers in 2022

Table 20. World Tantalum Nitride (TaN) Powder Average Price by Manufacturer (2018-2023) & (USD/Ton)

Table 21. Global Tantalum Nitride (TaN) Powder Company Evaluation Quadrant

Table 22. World Tantalum Nitride (TaN) Powder Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Tantalum Nitride (TaN) Powder Production Site of Key Manufacturer

Table 24. Tantalum Nitride (TaN) Powder Market: Company Product Type Footprint

Table 25. Tantalum Nitride (TaN) Powder Market: Company Product Application Footprint

Table 26. Tantalum Nitride (TaN) Powder Competitive Factors

Table 27. Tantalum Nitride (TaN) Powder New Entrant and Capacity Expansion Plans

Table 28. Tantalum Nitride (TaN) Powder Mergers & Acquisitions Activity

Table 29. United States VS China Tantalum Nitride (TaN) Powder Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Tantalum Nitride (TaN) Powder Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Tantalum Nitride (TaN) Powder Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Tantalum Nitride (TaN) Powder Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Tantalum Nitride (TaN) Powder Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Tantalum Nitride (TaN) Powder Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Tantalum Nitride (TaN) Powder Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Tantalum Nitride (TaN) Powder Production Market Share (2018-2023)

Table 37. China Based Tantalum Nitride (TaN) Powder Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Tantalum Nitride (TaN) Powder Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Tantalum Nitride (TaN) Powder Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Tantalum Nitride (TaN) Powder Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Tantalum Nitride (TaN) Powder Production Market Share (2018-2023)

Table 42. Rest of World Based Tantalum Nitride (TaN) Powder Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Tantalum Nitride (TaN) Powder Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Tantalum Nitride (TaN) Powder Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Tantalum Nitride (TaN) Powder Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Tantalum Nitride (TaN) Powder Production Market Share (2018-2023)

Table 47. World Tantalum Nitride (TaN) Powder Production Value by Purity, (USD Million), 2018 & 2022 & 2029

Table 48. World Tantalum Nitride (TaN) Powder Production by Purity (2018-2023) & (Tons)

Table 49. World Tantalum Nitride (TaN) Powder Production by Purity (2024-2029) & (Tons)

Table 50. World Tantalum Nitride (TaN) Powder Production Value by Purity (2018-2023) & (USD Million)

Table 51. World Tantalum Nitride (TaN) Powder Production Value by Purity (2024-2029) & (USD Million)

Table 52. World Tantalum Nitride (TaN) Powder Average Price by Purity (2018-2023) & (USD/Ton)

Table 53. World Tantalum Nitride (TaN) Powder Average Price by Purity (2024-2029) & (USD/Ton)

Table 54. World Tantalum Nitride (TaN) Powder Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Tantalum Nitride (TaN) Powder Production by Application (2018-2023) & (Tons)

Table 56. World Tantalum Nitride (TaN) Powder Production by Application (2024-2029) & (Tons)

Table 57. World Tantalum Nitride (TaN) Powder Production Value by Application (2018-2023) & (USD Million)

Table 58. World Tantalum Nitride (TaN) Powder Production Value by Application (2024-2029) & (USD Million)

Table 59. World Tantalum Nitride (TaN) Powder Average Price by Application (2018-2023) & (USD/Ton)

Table 60. World Tantalum Nitride (TaN) Powder Average Price by Application

(2024-2029) & (USD/Ton)

Table 61. Atlantic Equipment Engineers Basic Information, Manufacturing Base and Competitors

Table 62. Atlantic Equipment Engineers Major Business

Table 63. Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Product and Services

Table 64. Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Atlantic Equipment Engineers Recent Developments/Updates

Table 66. Atlantic Equipment Engineers Competitive Strengths & Weaknesses

Table 67. American Elements Basic Information, Manufacturing Base and Competitors

Table 68. American Elements Major Business

Table 69. American Elements Tantalum Nitride (TaN) Powder Product and Services

Table 70. American Elements Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. American Elements Recent Developments/Updates

Table 72. American Elements Competitive Strengths & Weaknesses

Table 73. TCP Analytical Basic Information, Manufacturing Base and Competitors

Table 74. TCP Analytical Major Business

Table 75. TCP Analytical Tantalum Nitride (TaN) Powder Product and Services

Table 76. TCP Analytical Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. TCP Analytical Recent Developments/Updates

Table 78. TCP Analytical Competitive Strengths & Weaknesses

Table 79. Triangle Refractory Materials (TRM) Basic Information, Manufacturing Base and Competitors

Table 80. Triangle Refractory Materials (TRM) Major Business

Table 81. Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Product and Services

Table 82. Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Triangle Refractory Materials (TRM) Recent Developments/Updates

Table 84. Triangle Refractory Materials (TRM) Competitive Strengths & Weaknesses

Table 85. Advanced Engineering Materials Limited (AEM) Basic Information, Manufacturing Base and Competitors

Table 86. Advanced Engineering Materials Limited (AEM) Major Business

Table 87. Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Product and Services

Table 88. Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Advanced Engineering Materials Limited (AEM) Recent Developments/Updates

Table 90. Advanced Engineering Materials Limited (AEM) Competitive Strengths & Weaknesses

Table 91. Luoyang Tongrun Nano Technology Basic Information, Manufacturing Base and Competitors

Table 92. Luoyang Tongrun Nano Technology Major Business

Table 93. Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Product and Services

Table 94. Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Luoyang Tongrun Nano Technology Recent Developments/Updates

Table 96. Luoyang Tongrun Nano Technology Competitive Strengths & Weaknesses

Table 97. Treibacher Industrie AG Basic Information, Manufacturing Base and Competitors

Table 98. Treibacher Industrie AG Major Business

Table 99. Treibacher Industrie AG Tantalum Nitride (TaN) Powder Product and Services

Table 100. Treibacher Industrie AG Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Treibacher Industrie AG Recent Developments/Updates

Table 102. Treibacher Industrie AG Competitive Strengths & Weaknesses

Table 103. ESPI Metals Basic Information, Manufacturing Base and Competitors

Table 104. ESPI Metals Major Business

Table 105. ESPI Metals Tantalum Nitride (TaN) Powder Product and Services

Table 106. ESPI Metals Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. ESPI Metals Recent Developments/Updates

Table 108. ESPI Metals Competitive Strengths & Weaknesses

Table 109. Tanki New Materials Basic Information, Manufacturing Base and Competitors

Table 110. Tanki New Materials Major Business

Table 111. Tanki New Materials Tantalum Nitride (TaN) Powder Product and Services

Table 112. Tanki New Materials Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Tanki New Materials Recent Developments/Updates

Table 114. Tanki New Materials Competitive Strengths & Weaknesses

Table 115. JAPAN NEW METALS Basic Information, Manufacturing Base and Competitors

Table 116. JAPAN NEW METALS Major Business

Table 117. JAPAN NEW METALS Tantalum Nitride (TaN) Powder Product and Services

Table 118. JAPAN NEW METALS Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. JAPAN NEW METALS Recent Developments/Updates

Table 120. JAPAN NEW METALS Competitive Strengths & Weaknesses

Table 121. XI'AN FUNCTION MATERIAL Basic Information, Manufacturing Base and Competitors

Table 122. XI'AN FUNCTION MATERIAL Major Business

Table 123. XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Product and Services

Table 124. XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. XI'AN FUNCTION MATERIAL Recent Developments/Updates

Table 126. Beijing Zhongke Keyou Technology Basic Information, Manufacturing Base and Competitors

Table 127. Beijing Zhongke Keyou Technology Major Business

Table 128. Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Product and Services

Table 129. Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Production (Tons), Price (USD/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 130. Global Key Players of Tantalum Nitride (TaN) Powder Upstream (Raw Materials)

Table 131. Tantalum Nitride (TaN) Powder Typical Customers

Table 132. Tantalum Nitride (TaN) Powder Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Tantalum Nitride (TaN) Powder Picture

Figure 2. World Tantalum Nitride (TaN) Powder Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Tantalum Nitride (TaN) Powder Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Tantalum Nitride (TaN) Powder Production (2018-2029) & (Tons)

Figure 5. World Tantalum Nitride (TaN) Powder Average Price (2018-2029) & (USD/Ton)

Figure 6. World Tantalum Nitride (TaN) Powder Production Value Market Share by Region (2018-2029)

Figure 7. World Tantalum Nitride (TaN) Powder Production Market Share by Region (2018-2029)

Figure 8. North America Tantalum Nitride (TaN) Powder Production (2018-2029) & (Tons)

Figure 9. Europe Tantalum Nitride (TaN) Powder Production (2018-2029) & (Tons)

Figure 10. China Tantalum Nitride (TaN) Powder Production (2018-2029) & (Tons)

Figure 11. Japan Tantalum Nitride (TaN) Powder Production (2018-2029) & (Tons)

Figure 12. Tantalum Nitride (TaN) Powder Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 15. World Tantalum Nitride (TaN) Powder Consumption Market Share by Region (2018-2029)

Figure 16. United States Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 17. China Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 18. Europe Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 19. Japan Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 20. South Korea Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 22. India Tantalum Nitride (TaN) Powder Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Tantalum Nitride (TaN) Powder by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Tantalum Nitride (TaN) Powder Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Tantalum Nitride (TaN) Powder Markets in 2022

Figure 26. United States VS China: Tantalum Nitride (TaN) Powder Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Tantalum Nitride (TaN) Powder Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Tantalum Nitride (TaN) Powder Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Tantalum Nitride (TaN) Powder Production Market Share 2022

Figure 30. China Based Manufacturers Tantalum Nitride (TaN) Powder Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Tantalum Nitride (TaN) Powder Production Market Share 2022

Figure 32. World Tantalum Nitride (TaN) Powder Production Value by Purity, (USD Million), 2018 & 2022 & 2029

Figure 33. World Tantalum Nitride (TaN) Powder Production Value Market Share by Purity in 2022

Figure 34. ?99.0%

Figure 35. 99.0%-99.5%

Figure 36. 99.5%-99.9%

Figure 37. ?99.9%

Figure 38. World Tantalum Nitride (TaN) Powder Production Market Share by Purity (2018-2029)

Figure 39. World Tantalum Nitride (TaN) Powder Production Value Market Share by Purity (2018-2029)

Figure 40. World Tantalum Nitride (TaN) Powder Average Price by Purity (2018-2029) & (USD/Ton)

Figure 41. World Tantalum Nitride (TaN) Powder Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Tantalum Nitride (TaN) Powder Production Value Market Share by Application in 2022

Figure 43. Chip Resistors

Figure 44. Additives for Superhard Materials

Figure 45. Integrated Circuit Manufacturing

Figure 46. Thin Film Resistors

Figure 47. Other

Figure 48. World Tantalum Nitride (TaN) Powder Production Market Share by Application (2018-2029)

Figure 49. World Tantalum Nitride (TaN) Powder Production Value Market Share by Application (2018-2029)

Figure 50. World Tantalum Nitride (TaN) Powder Average Price by Application (2018-2029) & (USD/Ton)

Figure 51. Tantalum Nitride (TaN) Powder Industry Chain

Figure 52. Tantalum Nitride (TaN) Powder Procurement Model

Figure 53. Tantalum Nitride (TaN) Powder Sales Model

Figure 54. Tantalum Nitride (TaN) Powder Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

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