

Global Tantalum Nitride (TaN) Powder Market Research Report 2025(Status and Outlook)

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Abstracts

Report Overview

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 provides a deep insight into the global Tantalum Nitride (TaN) Powder market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Tantalum Nitride (TaN) Powder Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and

deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Tantalum Nitride (TaN) Powder market in any manner.

Global Tantalum Nitride (TaN) Powder Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

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

Market Segmentation (by Type)

?99.0%

99.0%-99.5%

99.5%-99.9%

?99.9%

Market Segmentation (by Application)

Chip Resistors

Additives for Superhard Materials

Integrated Circuit Manufacturing

Thin Film Resistors

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

- Industry drivers, restraints, and opportunities covered in the study
- Neutral perspective on the market performance
- Recent industry trends and developments
- Competitive landscape & strategies of key players
- Potential & niche segments and regions exhibiting promising growth covered
- Historical, current, and projected market size, in terms of value
- In-depth analysis of the Tantalum Nitride (TaN) Powder Market

Overview of the regional outlook of the Tantalum Nitride (TaN) Powder Market:

Key Reasons to Buy this Report:

- Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change
- This enables you to anticipate market changes to remain ahead of your competitors
- You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents
- The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly
- Provision of market value (USD Billion) data for each segment and sub-segment
- Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the

Tantalum Nitride (TaN) Powder Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Tantalum Nitride (TaN) Powder
- 1.2 Key Market Segments
 - 1.2.1 Tantalum Nitride (TaN) Powder Segment by Type
 - 1.2.2 Tantalum Nitride (TaN) Powder Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats
- 1.4 Key Data of Global Auto Market
 - 1.4.1 Global Automobile Production by Country
 - 1.4.2 Global Automobile Production by Type

2 TANTALUM NITRIDE (TAN) POWDER MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Tantalum Nitride (TaN) Powder Market Size (M USD) Estimates and Forecasts (2020-2033)
 - 2.1.2 Global Tantalum Nitride (TaN) Powder Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 TANTALUM NITRIDE (TAN) POWDER MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Tantalum Nitride (TaN) Powder Product Life Cycle
- 3.3 Global Tantalum Nitride (TaN) Powder Sales by Manufacturers (2020-2025)
- 3.4 Global Tantalum Nitride (TaN) Powder Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Tantalum Nitride (TaN) Powder Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Tantalum Nitride (TaN) Powder Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers Tantalum Nitride (TaN) Powder Manufacturing Sites, Area Served,

Product Type

3.8 Tantalum Nitride (TaN) Powder Market Competitive Situation and Trends

3.8.1 Tantalum Nitride (TaN) Powder Market Concentration Rate

3.8.2 Global 5 and 10 Largest Tantalum Nitride (TaN) Powder Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 TANTALUM NITRIDE (TaN) POWDER INDUSTRY CHAIN ANALYSIS

4.1 Tantalum Nitride (TaN) Powder Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF TANTALUM NITRIDE (TaN) POWDER MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Tantalum Nitride (TaN) Powder Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 Global Trade Frictions and Their Impacts to Tantalum Nitride (TaN) Powder Market

5.7 ESG Ratings of Leading Companies

6 TANTALUM NITRIDE (TaN) POWDER MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Tantalum Nitride (TaN) Powder Sales Market Share by Type (2020-2025)

6.3 Global Tantalum Nitride (TaN) Powder Market Size Market Share by Type (2020-2025)

6.4 Global Tantalum Nitride (TaN) Powder Price by Type (2020-2025)

7 TANTALUM NITRIDE (TaN) POWDER MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Tantalum Nitride (TaN) Powder Market Sales by Application (2020-2025)

7.3 Global Tantalum Nitride (TaN) Powder Market Size (M USD) by Application (2020-2025)

7.4 Global Tantalum Nitride (TaN) Powder Sales Growth Rate by Application (2020-2025)

8 TANTALUM NITRIDE (TaN) POWDER MARKET SALES BY REGION

8.1 Global Tantalum Nitride (TaN) Powder Sales by Region

8.1.1 Global Tantalum Nitride (TaN) Powder Sales by Region

8.1.2 Global Tantalum Nitride (TaN) Powder Sales Market Share by Region

8.2 Global Tantalum Nitride (TaN) Powder Market Size by Region

8.2.1 Global Tantalum Nitride (TaN) Powder Market Size by Region

8.2.2 Global Tantalum Nitride (TaN) Powder Market Size Market Share by Region

8.3 North America

8.3.1 North America Tantalum Nitride (TaN) Powder Sales by Country

8.3.2 North America Tantalum Nitride (TaN) Powder Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Tantalum Nitride (TaN) Powder Sales by Country

8.4.2 Europe Tantalum Nitride (TaN) Powder Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Tantalum Nitride (TaN) Powder Sales by Region

- 8.5.2 Asia Pacific Tantalum Nitride (TaN) Powder Market Size by Region
- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Tantalum Nitride (TaN) Powder Sales by Country
 - 8.6.2 South America Tantalum Nitride (TaN) Powder Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview
 - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Tantalum Nitride (TaN) Powder Sales by Region
 - 8.7.2 Middle East and Africa Tantalum Nitride (TaN) Powder Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 TANTALUM NITRIDE (TaN) POWDER MARKET PRODUCTION BY REGION

- 9.1 Global Production of Tantalum Nitride (TaN) Powder by Region(2020-2025)
- 9.2 Global Tantalum Nitride (TaN) Powder Revenue Market Share by Region (2020-2025)
- 9.3 Global Tantalum Nitride (TaN) Powder Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Tantalum Nitride (TaN) Powder Production
 - 9.4.1 North America Tantalum Nitride (TaN) Powder Production Growth Rate (2020-2025)
 - 9.4.2 North America Tantalum Nitride (TaN) Powder Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Tantalum Nitride (TaN) Powder Production
 - 9.5.1 Europe Tantalum Nitride (TaN) Powder Production Growth Rate (2020-2025)
 - 9.5.2 Europe Tantalum Nitride (TaN) Powder Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Tantalum Nitride (TaN) Powder Production (2020-2025)
 - 9.6.1 Japan Tantalum Nitride (TaN) Powder Production Growth Rate (2020-2025)

9.6.2 Japan Tantalum Nitride (TaN) Powder Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Tantalum Nitride (TaN) Powder Production (2020-2025)

9.7.1 China Tantalum Nitride (TaN) Powder Production Growth Rate (2020-2025)

9.7.2 China Tantalum Nitride (TaN) Powder Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Atlantic Equipment Engineers

10.1.1 Atlantic Equipment Engineers Basic Information

10.1.2 Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Product Overview

10.1.3 Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Product Market Performance

10.1.4 Atlantic Equipment Engineers Business Overview

10.1.5 Atlantic Equipment Engineers SWOT Analysis

10.1.6 Atlantic Equipment Engineers Recent Developments

10.2 American Elements

10.2.1 American Elements Basic Information

10.2.2 American Elements Tantalum Nitride (TaN) Powder Product Overview

10.2.3 American Elements Tantalum Nitride (TaN) Powder Product Market Performance

10.2.4 American Elements Business Overview

10.2.5 American Elements SWOT Analysis

10.2.6 American Elements Recent Developments

10.3 TCP Analytical

10.3.1 TCP Analytical Basic Information

10.3.2 TCP Analytical Tantalum Nitride (TaN) Powder Product Overview

10.3.3 TCP Analytical Tantalum Nitride (TaN) Powder Product Market Performance

10.3.4 TCP Analytical Business Overview

10.3.5 TCP Analytical SWOT Analysis

10.3.6 TCP Analytical Recent Developments

10.4 Triangle Refractory Materials (TRM)

10.4.1 Triangle Refractory Materials (TRM) Basic Information

10.4.2 Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Product Overview

10.4.3 Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Product Market Performance

- 10.4.4 Triangle Refractory Materials (TRM) Business Overview
- 10.4.5 Triangle Refractory Materials (TRM) Recent Developments
- 10.5 Advanced Engineering Materials Limited (AEM)
 - 10.5.1 Advanced Engineering Materials Limited (AEM) Basic Information
 - 10.5.2 Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Product Overview
 - 10.5.3 Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Product Market Performance
 - 10.5.4 Advanced Engineering Materials Limited (AEM) Business Overview
 - 10.5.5 Advanced Engineering Materials Limited (AEM) Recent Developments
- 10.6 Luoyang Tongrun Nano Technology
 - 10.6.1 Luoyang Tongrun Nano Technology Basic Information
 - 10.6.2 Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Product Overview
 - 10.6.3 Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Product Market Performance
 - 10.6.4 Luoyang Tongrun Nano Technology Business Overview
 - 10.6.5 Luoyang Tongrun Nano Technology Recent Developments
- 10.7 Treibacher Industrie AG
 - 10.7.1 Treibacher Industrie AG Basic Information
 - 10.7.2 Treibacher Industrie AG Tantalum Nitride (TaN) Powder Product Overview
 - 10.7.3 Treibacher Industrie AG Tantalum Nitride (TaN) Powder Product Market Performance
 - 10.7.4 Treibacher Industrie AG Business Overview
 - 10.7.5 Treibacher Industrie AG Recent Developments
- 10.8 ESPI Metals
 - 10.8.1 ESPI Metals Basic Information
 - 10.8.2 ESPI Metals Tantalum Nitride (TaN) Powder Product Overview
 - 10.8.3 ESPI Metals Tantalum Nitride (TaN) Powder Product Market Performance
 - 10.8.4 ESPI Metals Business Overview
 - 10.8.5 ESPI Metals Recent Developments
- 10.9 Tanki New Materials
 - 10.9.1 Tanki New Materials Basic Information
 - 10.9.2 Tanki New Materials Tantalum Nitride (TaN) Powder Product Overview
 - 10.9.3 Tanki New Materials Tantalum Nitride (TaN) Powder Product Market Performance
 - 10.9.4 Tanki New Materials Business Overview
 - 10.9.5 Tanki New Materials Recent Developments
- 10.10 JAPAN NEW METALS

- 10.10.1 JAPAN NEW METALS Basic Information
- 10.10.2 JAPAN NEW METALS Tantalum Nitride (TaN) Powder Product Overview
- 10.10.3 JAPAN NEW METALS Tantalum Nitride (TaN) Powder Product Market Performance
- 10.10.4 JAPAN NEW METALS Business Overview
- 10.10.5 JAPAN NEW METALS Recent Developments
- 10.11 XI'AN FUNCTION MATERIAL
 - 10.11.1 XI'AN FUNCTION MATERIAL Basic Information
 - 10.11.2 XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Product Overview
 - 10.11.3 XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Product Market Performance
 - 10.11.4 XI'AN FUNCTION MATERIAL Business Overview
 - 10.11.5 XI'AN FUNCTION MATERIAL Recent Developments
- 10.12 Beijing Zhongke Keyou Technology
 - 10.12.1 Beijing Zhongke Keyou Technology Basic Information
 - 10.12.2 Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Product Overview
 - 10.12.3 Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Product Market Performance
 - 10.12.4 Beijing Zhongke Keyou Technology Business Overview
 - 10.12.5 Beijing Zhongke Keyou Technology Recent Developments

11 TANTALUM NITRIDE (TAN) POWDER MARKET FORECAST BY REGION

- 11.1 Global Tantalum Nitride (TaN) Powder Market Size Forecast
- 11.2 Global Tantalum Nitride (TaN) Powder Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe Tantalum Nitride (TaN) Powder Market Size Forecast by Country
 - 11.2.3 Asia Pacific Tantalum Nitride (TaN) Powder Market Size Forecast by Region
 - 11.2.4 South America Tantalum Nitride (TaN) Powder Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of Tantalum Nitride (TaN) Powder by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

- 12.1 Global Tantalum Nitride (TaN) Powder Market Forecast by Type (2026-2033)
 - 12.1.1 Global Forecasted Sales of Tantalum Nitride (TaN) Powder by Type

(2026-2033)

12.1.2 Global Tantalum Nitride (TaN) Powder Market Size Forecast by Type

(2026-2033)

12.1.3 Global Forecasted Price of Tantalum Nitride (TaN) Powder by Type

(2026-2033)

12.2 Global Tantalum Nitride (TaN) Powder Market Forecast by Application (2026-2033)

12.2.1 Global Tantalum Nitride (TaN) Powder Sales (K Units) Forecast by Application

12.2.2 Global Tantalum Nitride (TaN) Powder Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List of Tables

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Motor Vehicle Production Market Share by Type (2023)

Table 4. Global Automobile Production by Region (Units)

Table 5. Market Share and Development Potential of Automobiles by Region

Table 6. Global Automobile Production by Country (Vehicle)

Table 7. Market Share and Development Potential of Automobiles by Countries

Table 8. Global Automobile Production by Type

Table 9. Market Share and Development Potential of Automobiles by Type

Table 10. Market Size (M USD) Segment Executive Summary

Table 11. Tantalum Nitride (TaN) Powder Market Size Comparison by Region (M USD)

Table 12. Global Tantalum Nitride (TaN) Powder Sales (K Units) by Manufacturers (2020-2025)

Table 13. Global Tantalum Nitride (TaN) Powder Sales Market Share by Manufacturers (2020-2025)

Table 14. Global Tantalum Nitride (TaN) Powder Revenue (M USD) by Manufacturers (2020-2025)

Table 15. Global Tantalum Nitride (TaN) Powder Revenue Share by Manufacturers (2020-2025)

Table 16. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Tantalum Nitride (TaN) Powder as of 2024)

Table 17. Global Market Tantalum Nitride (TaN) Powder Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 18. Manufacturers Tantalum Nitride (TaN) Powder Manufacturing Sites and Area Served

Table 19. Manufacturers Tantalum Nitride (TaN) Powder Product Type

Table 20. Global Tantalum Nitride (TaN) Powder Manufacturers Market Concentration

Ratio (CR5 and HHI)

Table 21. Mergers & Acquisitions, Expansion Plans

Table 22. Market Overview of Key Raw Materials

Table 23. Midstream Market Analysis

Table 24. Downstream Customer Analysis

Table 25. Key Development Trends

Table 26. Driving Factors

Table 27. Tantalum Nitride (TaN) Powder Market Challenges

Table 28. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 29. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 30. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 31. Global Tantalum Nitride (TaN) Powder Sales by Type (K Units)

Table 32. Global Tantalum Nitride (TaN) Powder Market Size by Type (M USD)

Table 33. Global Tantalum Nitride (TaN) Powder Sales (K Units) by Type (2020-2025)

Table 34. Global Tantalum Nitride (TaN) Powder Sales Market Share by Type
(2020-2025)

Table 35. Global Tantalum Nitride (TaN) Powder Market Size (M USD) by Type
(2020-2025)

Table 36. Global Tantalum Nitride (TaN) Powder Market Size Share by Type
(2020-2025)

Table 37. Global Tantalum Nitride (TaN) Powder Price (USD/Unit) by Type (2020-2025)

Table 38. Global Tantalum Nitride (TaN) Powder Sales (K Units) by Application

Table 39. Global Tantalum Nitride (TaN) Powder Market Size by Application

Table 40. Global Tantalum Nitride (TaN) Powder Sales by Application (2020-2025) & (K
Units)

Table 41. Global Tantalum Nitride (TaN) Powder Sales Market Share by Application
(2020-2025)

Table 42. Global Tantalum Nitride (TaN) Powder Market Size by Application
(2020-2025) & (M USD)

Table 43. Global Tantalum Nitride (TaN) Powder Market Share by Application
(2020-2025)

Table 44. Global Tantalum Nitride (TaN) Powder Sales Growth Rate by Application
(2020-2025)

Table 45. Global Tantalum Nitride (TaN) Powder Sales by Region (2020-2025) & (K
Units)

Table 46. Global Tantalum Nitride (TaN) Powder Sales Market Share by Region
(2020-2025)

Table 47. Global Tantalum Nitride (TaN) Powder Market Size by Region (2020-2025) &
(M USD)

Table 48. Global Tantalum Nitride (TaN) Powder Market Size Market Share by Region (2020-2025)

Table 49. North America Tantalum Nitride (TaN) Powder Sales by Country (2020-2025) & (K Units)

Table 50. North America Tantalum Nitride (TaN) Powder Market Size by Country (2020-2025) & (M USD)

Table 51. Europe Tantalum Nitride (TaN) Powder Sales by Country (2020-2025) & (K Units)

Table 52. Europe Tantalum Nitride (TaN) Powder Market Size by Country (2020-2025) & (M USD)

Table 53. Asia Pacific Tantalum Nitride (TaN) Powder Sales by Region (2020-2025) & (K Units)

Table 54. Asia Pacific Tantalum Nitride (TaN) Powder Market Size by Region (2020-2025) & (M USD)

Table 55. South America Tantalum Nitride (TaN) Powder Sales by Country (2020-2025) & (K Units)

Table 56. South America Tantalum Nitride (TaN) Powder Market Size by Country (2020-2025) & (M USD)

Table 57. Middle East and Africa Tantalum Nitride (TaN) Powder Sales by Region (2020-2025) & (K Units)

Table 58. Middle East and Africa Tantalum Nitride (TaN) Powder Market Size by Region (2020-2025) & (M USD)

Table 59. Global Tantalum Nitride (TaN) Powder Production (K Units) by Region(2020-2025)

Table 60. Global Tantalum Nitride (TaN) Powder Revenue (US\$ Million) by Region (2020-2025)

Table 61. Global Tantalum Nitride (TaN) Powder Revenue Market Share by Region (2020-2025)

Table 62. Global Tantalum Nitride (TaN) Powder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 63. North America Tantalum Nitride (TaN) Powder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. Europe Tantalum Nitride (TaN) Powder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Japan Tantalum Nitride (TaN) Powder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 66. China Tantalum Nitride (TaN) Powder Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 67. Atlantic Equipment Engineers Basic Information

Table 68. Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Product Overview

Table 69. Atlantic Equipment Engineers Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. Atlantic Equipment Engineers Business Overview

Table 71. Atlantic Equipment Engineers SWOT Analysis

Table 72. Atlantic Equipment Engineers Recent Developments

Table 73. American Elements Basic Information

Table 74. American Elements Tantalum Nitride (TaN) Powder Product Overview

Table 75. American Elements Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. American Elements Business Overview

Table 77. American Elements SWOT Analysis

Table 78. American Elements Recent Developments

Table 79. TCP Analytical Basic Information

Table 80. TCP Analytical Tantalum Nitride (TaN) Powder Product Overview

Table 81. TCP Analytical Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 82. TCP Analytical Business Overview

Table 83. TCP Analytical SWOT Analysis

Table 84. TCP Analytical Recent Developments

Table 85. Triangle Refractory Materials (TRM) Basic Information

Table 86. Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Product Overview

Table 87. Triangle Refractory Materials (TRM) Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Triangle Refractory Materials (TRM) Business Overview

Table 89. Triangle Refractory Materials (TRM) Recent Developments

Table 90. Advanced Engineering Materials Limited (AEM) Basic Information

Table 91. Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Product Overview

Table 92. Advanced Engineering Materials Limited (AEM) Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Advanced Engineering Materials Limited (AEM) Business Overview

Table 94. Advanced Engineering Materials Limited (AEM) Recent Developments

Table 95. Luoyang Tongrun Nano Technology Basic Information

Table 96. Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Product Overview

Table 97. Luoyang Tongrun Nano Technology Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. Luoyang Tongrun Nano Technology Business Overview

Table 99. Luoyang Tongrun Nano Technology Recent Developments

Table 100. Treibacher Industrie AG Basic Information

Table 101. Treibacher Industrie AG Tantalum Nitride (TaN) Powder Product Overview

Table 102. Treibacher Industrie AG Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. Treibacher Industrie AG Business Overview

Table 104. Treibacher Industrie AG Recent Developments

Table 105. ESPI Metals Basic Information

Table 106. ESPI Metals Tantalum Nitride (TaN) Powder Product Overview

Table 107. ESPI Metals Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. ESPI Metals Business Overview

Table 109. ESPI Metals Recent Developments

Table 110. Tanki New Materials Basic Information

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

Table 112. Tanki New Materials Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Tanki New Materials Business Overview

Table 114. Tanki New Materials Recent Developments

Table 115. JAPAN NEW METALS Basic Information

Table 116. JAPAN NEW METALS Tantalum Nitride (TaN) Powder Product Overview

Table 117. JAPAN NEW METALS Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. JAPAN NEW METALS Business Overview

Table 119. JAPAN NEW METALS Recent Developments

Table 120. XI'AN FUNCTION MATERIAL Basic Information

Table 121. XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Product Overview

Table 122. XI'AN FUNCTION MATERIAL Tantalum Nitride (TaN) Powder Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. XI'AN FUNCTION MATERIAL Business Overview

Table 124. XI'AN FUNCTION MATERIAL Recent Developments

Table 125. Beijing Zhongke Keyou Technology Basic Information

Table 126. Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Product Overview

Table 127. Beijing Zhongke Keyou Technology Tantalum Nitride (TaN) Powder Sales (K

Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 128. Beijing Zhongke Keyou Technology Business Overview

Table 129. Beijing Zhongke Keyou Technology Recent Developments

Table 130. Global Tantalum Nitride (TaN) Powder Sales Forecast by Region (2026-2033) & (K Units)

Table 131. Global Tantalum Nitride (TaN) Powder Market Size Forecast by Region (2026-2033) & (M USD)

Table 132. North America Tantalum Nitride (TaN) Powder Sales Forecast by Country (2026-2033) & (K Units)

Table 133. North America Tantalum Nitride (TaN) Powder Market Size Forecast by Country (2026-2033) & (M USD)

Table 134. Europe Tantalum Nitride (TaN) Powder Sales Forecast by Country (2026-2033) & (K Units)

Table 135. Europe Tantalum Nitride (TaN) Powder Market Size Forecast by Country (2026-2033) & (M USD)

Table 136. Asia Pacific Tantalum Nitride (TaN) Powder Sales Forecast by Region (2026-2033) & (K Units)

Table 137. Asia Pacific Tantalum Nitride (TaN) Powder Market Size Forecast by Region (2026-2033) & (M USD)

Table 138. South America Tantalum Nitride (TaN) Powder Sales Forecast by Country (2026-2033) & (K Units)

Table 139. South America Tantalum Nitride (TaN) Powder Market Size Forecast by Country (2026-2033) & (M USD)

Table 140. Middle East and Africa Tantalum Nitride (TaN) Powder Sales Forecast by Country (2026-2033) & (Units)

Table 141. Middle East and Africa Tantalum Nitride (TaN) Powder Market Size Forecast by Country (2026-2033) & (M USD)

Table 142. Global Tantalum Nitride (TaN) Powder Sales Forecast by Type (2026-2033) & (K Units)

Table 143. Global Tantalum Nitride (TaN) Powder Market Size Forecast by Type (2026-2033) & (M USD)

Table 144. Global Tantalum Nitride (TaN) Powder Price Forecast by Type (2026-2033) & (USD/Unit)

Table 145. Global Tantalum Nitride (TaN) Powder Sales (K Units) Forecast by Application (2026-2033)

Table 146. Global Tantalum Nitride (TaN) Powder Market Size Forecast by Application (2026-2033) & (M USD)

List of Figures

Figure 1. Product Picture of Tantalum Nitride (TaN) Powder

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Motor Vehicle Production (M Units)

Figure 5. Global Tantalum Nitride (TaN) Powder Market Size (M USD), 2024-2033

Figure 6. Global Tantalum Nitride (TaN) Powder Market Size (M USD) (2020-2033)

Figure 7. Global Tantalum Nitride (TaN) Powder Sales (K Units) & (2020-2033)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 9. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 10. Evaluation Matrix of Regional Market Development Potential

Figure 11. Tantalum Nitride (TaN) Powder Market Size by Country (M USD)

Figure 12. Company Assessment Quadrant

Figure 13. Global Tantalum Nitride (TaN) Powder Product Life Cycle

Figure 14. Tantalum Nitride (TaN) Powder Sales Share by Manufacturers in 2024

Figure 15. Global Tantalum Nitride (TaN) Powder Revenue Share by Manufacturers in 2024

Figure 16. Tantalum Nitride (TaN) Powder Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024

Figure 17. Global Market Tantalum Nitride (TaN) Powder Average Price (USD/Unit) of Key Manufacturers in 2024

Figure 18. The Global 5 and 10 Largest Players: Market Share by Tantalum Nitride (TaN) Powder Revenue in 2024

Figure 19. Industry Chain Map of Tantalum Nitride (TaN) Powder

Figure 20. Global Tantalum Nitride (TaN) Powder Market PEST Analysis

Figure 21. Global Tantalum Nitride (TaN) Powder Market Porter's Five Forces Analysis

Figure 22. Global Merchandise Trade as a Percentage Of GDP

Figure 23. US - Imports of Goods by Country

Figure 24. China Exports by Country

Figure 25. ESG Rating Distribution of The Leading Company Compared With Its Peers

Figure 26. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 27. Global Tantalum Nitride (TaN) Powder Market Share by Type

Figure 28. Sales Market Share of Tantalum Nitride (TaN) Powder by Type (2020-2025)

Figure 29. Sales Market Share of Tantalum Nitride (TaN) Powder by Type in 2024

Figure 30. Market Size Share of Tantalum Nitride (TaN) Powder by Type (2020-2025)

Figure 31. Market Size Share of Tantalum Nitride (TaN) Powder by Type in 2024

Figure 32. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 33. Global Tantalum Nitride (TaN) Powder Market Share by Application

Figure 34. Global Tantalum Nitride (TaN) Powder Sales Market Share by Application (2020-2025)

Figure 35. Global Tantalum Nitride (TaN) Powder Sales Market Share by Application in

2024

Figure 36. Global Tantalum Nitride (TaN) Powder Market Share by Application (2020-2025)

Figure 37. Global Tantalum Nitride (TaN) Powder Market Share by Application in 2024

Figure 38. Global Tantalum Nitride (TaN) Powder Sales Growth Rate by Application (2020-2025)

Figure 39. Global Tantalum Nitride (TaN) Powder Sales Market Share by Region (2020-2025)

Figure 40. Global Tantalum Nitride (TaN) Powder Market Size Market Share by Region (2020-2025)

Figure 41. North America Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 43. North America Tantalum Nitride (TaN) Powder Sales Market Share by Country in 2024

Figure 44. North America Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 45. North America Tantalum Nitride (TaN) Powder Market Size Market Share by Country in 2024

Figure 46. U.S. Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 47. U.S. Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 48. Canada Tantalum Nitride (TaN) Powder Sales (K Units) and Growth Rate (2020-2025)

Figure 49. Canada Tantalum Nitride (TaN) Powder Market Size (M USD) and Growth Rate (2020-2025)

Figure 50. Mexico Tantalum Nitride (TaN) Powder Sales (Units) and Growth Rate (2020-2025)

Figure 51. Mexico Tantalum Nitride (TaN) Powder Market Size (Units) and Growth Rate (2020-2025)

Figure 52. Europe Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 53. Europe Tantalum Nitride (TaN) Powder Sales Market Share by Country in 2024

Figure 54. Europe Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 55. Europe Tantalum Nitride (TaN) Powder Market Size Market Share by

Country in 2024

Figure 56. Germany Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 57. Germany Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 58. France Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 59. France Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 60. U.K. Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 61. U.K. Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 62. Italy Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 63. Italy Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 64. Spain Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 65. Spain Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 66. Asia Pacific Tantalum Nitride (TaN) Powder Sales and Growth Rate (K Units)

Figure 67. Asia Pacific Tantalum Nitride (TaN) Powder Sales Market Share by Region in 2024

Figure 68. Asia Pacific Tantalum Nitride (TaN) Powder Market Size Market Share by Region in 2024

Figure 69. China Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 70. China Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 71. Japan Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 72. Japan Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 73. South Korea Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 74. South Korea Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 75. India Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) &

(K Units)

Figure 76. India Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 77. Southeast Asia Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 78. Southeast Asia Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 79. South America Tantalum Nitride (TaN) Powder Sales and Growth Rate (K Units)

Figure 80. South America Tantalum Nitride (TaN) Powder Sales Market Share by Country in 2024

Figure 81. South America Tantalum Nitride (TaN) Powder Market Size and Growth Rate (M USD)

Figure 82. South America Tantalum Nitride (TaN) Powder Market Size Market Share by Country in 2024

Figure 83. Brazil Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 84. Brazil Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 85. Argentina Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 86. Argentina Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 87. Columbia Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 88. Columbia Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 89. Middle East and Africa Tantalum Nitride (TaN) Powder Sales and Growth Rate (K Units)

Figure 90. Middle East and Africa Tantalum Nitride (TaN) Powder Sales Market Share by Region in 2024

Figure 91. Middle East and Africa Tantalum Nitride (TaN) Powder Market Size and Growth Rate (M USD)

Figure 92. Middle East and Africa Tantalum Nitride (TaN) Powder Market Size Market Share by Region in 2024

Figure 93. Saudi Arabia Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 94. Saudi Arabia Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 95. UAE Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 96. UAE Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 97. Egypt Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 98. Egypt Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 99. Nigeria Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 100. Nigeria Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 101. South Africa Tantalum Nitride (TaN) Powder Sales and Growth Rate (2020-2025) & (K Units)

Figure 102. South Africa Tantalum Nitride (TaN) Powder Market Size and Growth Rate (2020-2025) & (M USD)

Figure 103. Global Tantalum Nitride (TaN) Powder Production Market Share by Region (2020-2025)

Figure 104. North America Tantalum Nitride (TaN) Powder Production (K Units) Growth Rate (2020-2025)

Figure 105. Europe Tantalum Nitride (TaN) Powder Production (K Units) Growth Rate (2020-2025)

Figure 106. Japan Tantalum Nitride (TaN) Powder Production (K Units) Growth Rate (2020-2025)

Figure 107. China Tantalum Nitride (TaN) Powder Production (K Units) Growth Rate (2020-2025)

Figure 108. Global Tantalum Nitride (TaN) Powder Sales Forecast by Volume (2020-2033) & (K Units)

Figure 109. Global Tantalum Nitride (TaN) Powder Market Size Forecast by Value (2020-2033) & (M USD)

Figure 110. Global Tantalum Nitride (TaN) Powder Sales Market Share Forecast by Type (2026-2033)

Figure 111. Global Tantalum Nitride (TaN) Powder Market Share Forecast by Type (2026-2033)

Figure 112. Global Tantalum Nitride (TaN) Powder Sales Forecast by Application (2026-2033)

Figure 113. Global Tantalum Nitride (TaN) Powder Market Share Forecast by Application (2026-2033)

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