

# Asia Pacific Tantalum Market Size study, by Product (Metal, Carbide, Powder, Alloys, Other Product Forms) by Application (Capacitors, Semiconductors, Engine Turbine Blades, Chemical Processing Equipment, Medical Equipment, Other Applications) and Country Forecasts 2022-2032

<https://marketpublishers.com/r/AA460ACB4FE6EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: AA460ACB4FE6EN

## Abstracts

Asia Pacific Tantalum Market is valued at approximately USD 138.42million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.56% over the forecast period 2024-2032. Tantalum is a rare and robust chemical element known for its hardness, blue-gray appearance, and exceptional corrosion resistance, is increasingly gaining popularity across a wide range of applications. These applications include capacitors, semiconductors, engine turbine blades, chemical processing equipment, medical devices, and other industrial uses. In the Asia Pacific region, one key trend in the tantalum market is the rapid growth of the electronics industry. Countries such as China, South Korea, Japan, and Taiwan are major players in electronics manufacturing, driving significant demand for tantalum capacitors and other tantalum-based products. The growth of the electronics industry in these countries is driving the need for high-quality electronic components, including capacitors made from tantalum.

Tantalum capacitors are recognized for their reliability, high capacitance, and performance in various electronic devices such as smartphones, computers, tablets, and other consumer electronics. This increased demand for tantalum-based products is directly associated to the flourishing electronics sector in the Asia Pacific region, contributing significantly to the overall tantalum market growth in the region. The tantalum market in the Asia-Pacific region is poised to be driven by the factors such as escalating demand from the key countries including China and South Korea. This surge

in demand stems primarily from diverse end-user sectors such as electronics, aerospace, and medical equipment, propelling the region forward. Electronic devices such as smartphones, TVs, computing devices, gaming systems, and personal gadgets have witnessed remarkable growth within the region. For instance, according to the Indian Brand Equity Foundation, the Indian appliances, and consumer electronics market was accounted for USD 10.93 billion in 2019 and the amount is projected to increase and grow to USD 21.18 billion by 2025. Also, as per Statista, in 2016, the production of value in electronics components in South Korea was approx. USD 130 billion and the number is reached approximately USD 180 billion in 2021. As a result, rising production of electronics components in the region is anticipated to boost the market growth during forecast period. Moreover, the Asia Pacific caters to domestic electronics needs and exports its electronic prowess worldwide. Moreover, the rising advancements in tantalum extraction, processing techniques, and applications lead to improved efficiency and cost-effectiveness. These technological developments stimulate market growth by expanding tantalum's usability across various industries. Asia-Pacific countries are integral parts of the global tantalum supply chain, with seamless integration facilitating the flow of raw materials, intermediate products, and finished goods. This interconnectedness supports market stability and growth opportunities. However, harmful impact of tantalum and fluctuation in prices of tantalum is expected to hinder Asia Pacific Tantalum Market growth between 2022 and 2032.

The key Countries considered for the Asia Pacific Tantalum Market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market with highest number of market shares. The presence of the strong electronics industry, favorable government initiatives, as well as rising shift from solid to polymer tantalum capacitors are the key factors that are attributing to the regional market growth. China stands out as one of the leading players in the aircraft manufacturing arena and boasts one of the world's largest domestic air passenger markets. Also, Chinese airline companies are gearing up to procure approximately 7,690 new aircraft over the next two decades, representing a staggering value of around USD 1.2 trillion. Boeing's projections further accentuate this growth trajectory, estimating a robust annual increase of 6.1% in the domestic average RPK (Revenue Passenger Kilometer) in China over the next decade. Whereas, the market in India is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Alliance Mineral Assets Limited

China Minmetals Corporation

CNMC Ningxia Orient Group Co. Ltd

Company 4  
Company 5  
Company 6  
Company 7  
Company 8  
Company 9  
Company 10

The detailed segments and sub-segment of the market are explained below:

By Product

Metal

Carbide

Powder

Alloys

Other Product Forms

By Application

Capacitors

Semiconductors

Engine Turbine Blades

Chemical Processing Equipment

Medical Equipment

Other Applications

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

## Contents

### **CHAPTER 1. ASIA PACIFIC TANTALUM MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
  - 1.3.1. Inclusion & Exclusion
  - 1.3.2. Limitations
  - 1.3.3. Supply Side Analysis
    - 1.3.3.1. Availability
    - 1.3.3.2. Infrastructure
    - 1.3.3.3. Regulatory Environment
    - 1.3.3.4. Market Competition
    - 1.3.3.5. Economic Viability (Consumer's Perspective)
  - 1.3.4. Demand Side Analysis
    - 1.3.4.1. Regulatory frameworks
    - 1.3.4.2. Technological Advancements
    - 1.3.4.3. Environmental Considerations
    - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Asia Pacific Tantalum Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
  - 2.3.1. By Product
  - 2.3.2. By Application
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

### **CHAPTER 3. ASIA PACIFIC TANTALUM MARKET DYNAMICS**

- 3.1. Market Drivers

- 3.2. Market Challenges
- 3.3. Market Opportunities

## **CHAPTER 4. ASIA PACIFIC TANTALUM MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model
  - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
  - 4.2.5. Environmental
  - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. ASIA PACIFIC TANTALUM MARKET SIZE & FORECASTS BY PRODUCT 2022-2032**

- 5.1. Metal
- 5.2. Carbide
- 5.3. Powder
- 5.4. Alloys
- 5.5. Other Product Forms

## **CHAPTER 6. ASIA PACIFIC TANTALUM MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

- 6.1. Capacitors

- 6.2. Semiconductors
- 6.3. Engine Turbine Blades
- 6.4. Chemical Processing Equipment
- 6.5. Medical Equipment
- 6.6. Other Applications

## **CHAPTER 7. ASIA PACIFIC TANTALUM MARKET SIZE & FORECASTS BY COUNTRY 2022-2032**

- 7.1. China Tantalum Market
  - 7.1.1. Product breakdown size & forecasts, 2022-2032
  - 7.1.2. Application breakdown size & forecasts, 2022-2032
- 7.2. India Tantalum Market
- 7.3. Japan Tantalum Market
- 7.4. Australia Tantalum Market
- 7.5. South Korea Tantalum Market
- 7.6. Rest of Asia Pacific Tantalum Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Key Company SWOT Analysis
  - 8.1.1. Company
  - 8.1.2. Company
  - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. Alliance Mineral Assets Limited
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Market Strategies
  - 8.3.2. China Minmetals Corporation
  - 8.3.3. CNMC Ningxia Orient Group Co. Ltd
  - 8.3.4. Company
  - 8.3.5. Company
  - 8.3.6. Company
  - 8.3.7. Company
  - 8.3.8. Company

8.3.9. Company

8.3.10. Company

## **CHAPTER 9. RESEARCH PROCESS**

9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

9.2. Research Attributes



## List Of Tables

### LIST OF TABLES

- TABLE 1. Asia Pacific Tantalum Market, report scope
- TABLE 2. Asia Pacific Tantalum Market estimates & forecasts by Country 2022-2032 (USD Million)
- TABLE 3. Asia Pacific Tantalum Market estimates & forecasts by Product 2022-2032 (USD Million)
- TABLE 4. Asia Pacific Tantalum Market estimates & forecasts by Application 2022-2032 (USD Million)
- TABLE 5. Asia Pacific Tantalum Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 6. Asia Pacific Tantalum Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 7. Asia Pacific Tantalum Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 8. Asia Pacific Tantalum Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 9. Asia Pacific Tantalum Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 10. Asia Pacific Tantalum Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 11. Asia Pacific Tantalum Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 12. Asia Pacific Tantalum Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 13. Asia Pacific Tantalum Market by segment, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 14. Asia Pacific Tantalum Market by country, estimates & forecasts, 2022-2032 (USD Million)
- TABLE 15. China Tantalum Market estimates & forecasts, 2022-2032 (USD Million)
- TABLE 16. China Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)
- TABLE 17. China Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)
- TABLE 18. India Tantalum Market estimates & forecasts, 2022-2032 (USD Million)
- TABLE 19. India Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. India Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 21. Japan Tantalum Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 22. Japan Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 23. Japan Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 24. Australia Tantalum Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 25. Australia Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 26. Australia Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 27. South Korea Tantalum Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 28. South Korea Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 29. South Korea Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 31. RoAPAC Tantalum Market estimates & forecasts, 2022-2032 (USD Million)

TABLE 32. RoAPAC Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 33. RoAPAC Tantalum Market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 34. List of secondary sources, used in the study of Asia Pacific Tantalum Market.

TABLE 35. List of primary sources, used in the study of Asia Pacific Tantalum Market.

TABLE 36. Years considered for the study.

TABLE 37. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Asia Pacific Tantalum Market, research methodology
- FIG 2. Asia Pacific Tantalum Market, market estimation techniques
- FIG 3. Asia Pacific market size estimates & forecast methods.
- FIG 4. Asia Pacific Tantalum Market, key trends 2023
- FIG 5. Asia Pacific Tantalum Market, growth prospects 2022-2032
- FIG 6. Asia Pacific Tantalum Market, porters 5 force model
- FIG 7. Asia Pacific Tantalum Market, pestel analysis
- FIG 8. Asia Pacific Tantalum Market, value chain analysis
- FIG 9. Asia Pacific Tantalum Market by segment, 2022 & 2032 (USD Million)
- FIG 10. Asia Pacific Tantalum Market by segment, 2022 & 2032 (USD Million)
- FIG 11. Asia Pacific Tantalum Market by segment, 2022 & 2032 (USD Million)
- FIG 12. Asia Pacific Tantalum Market by segment, 2022 & 2032 (USD Million)
- FIG 13. Asia Pacific Tantalum Market by segment, 2022 & 2032 (USD Million)
- FIG 14. Asia Pacific Tantalum Market, Country snapshot 2022 & 2032
- FIG 15. Asia Pacific Tantalum Market 2022 & 2032 (USD Million)
- FIG 16. Asia Pacific Tantalum Market, company market share analysis (2023)

## I would like to order

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