

Global Titanium Composite Anode Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GA4D1B245D3CEN.html>

Date: January 2026

Pages: 118

Price: US\$ 3,480.00 (Single User License)

ID: GA4D1B245D3CEN

Abstracts

According to our (Global Info Research) latest study, the global Titanium Composite Anode market size was valued at US\$ 623 million in 2025 and is forecast to a readjusted size of US\$ 822 million by 2032 with a CAGR of 4.0% during review period.

A Titanium Composite Anode are electrochemical electrode that uses titanium as the mechanical backbone and corrosion-resistant current collector, combined with one or more functional layers or materials that provide the desired electrochemical activity. In most industrial designs, titanium is not the main catalytic surface; instead it is “composited” with coatings such as mixed metal oxides (MMO, e.g., IrO₂/RuO₂/Ta₂O₅), platinum-group metals, doped metal oxides, or other catalytic films deposited onto a titanium plate, mesh, tube, or porous substrate, sometimes with intermediate barrier layers to improve adhesion and prevent passivation. This composite structure yields a long-life, dimensionally stable electrode with low overpotential and stable performance under aggressive electrolytes and high current density, and it is widely used in chlor-alkali and electrochlorination, wastewater electro-oxidation, electroplating/metal finishing, cathodic protection, and certain electrolysis and energy-storage systems. The product has an annual output of approximately 2 million square meters, and the price varies considerably depending on the materials used, with an average price of approximately US\$300 per square meter.

Upstream for Titanium Composite Anode starts with titanium sponge/ingot supply and mill processing into plates, meshes, tubes, or porous substrates, plus sourcing of catalytic and barrier-layer materials such as platinum-group metals and precursor salts (Ir/Ru/Pt, Ta, Sn, Sb, etc.), ceramic/oxide powders, binders, and specialty chemicals for surface preparation; manufacturers then fabricate the titanium substrate, activate the

surface (degreasing, pickling, grit blasting/etching), and apply the functional layers by thermal decomposition, electroplating, sputtering, sol-gel, CVD/ALD, or sintering, followed by curing, inspection, and electrochemical qualification, with cost and lead time heavily influenced by precious-metal prices and coating yield. Downstream, these electrodes are sold directly or via integrators to OEMs and end users in chlor-alkali/electrochlorination, wastewater treatment, electroplating and metal finishing, electrowinning, cathodic protection, and some electrolyzers, where value is realized through energy efficiency and service life; recurring aftermarket demand comes from recoating/refurbishment, replacement of worn anodes, and consumables/services tied to system operation (power supplies, rectifiers, control systems), while adoption is shaped by total cost of ownership, compliance requirements, and the customer's ability to standardize electrode geometry and coating specification across multiple lines.

This report is a detailed and comprehensive analysis for global Titanium Composite Anode market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Titanium Composite Anode market size and forecasts, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2021-2032

Global Titanium Composite Anode market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2021-2032

Global Titanium Composite Anode market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Sq m), and average selling prices (US\$/Sq m), 2021-2032

Global Titanium Composite Anode market shares of main players, shipments in revenue (\$ Million), sales quantity (Sq m), and ASP (US\$/Sq m), 2021-2026

The Primary Objectives in This Report Are:

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

To assess the growth potential for Titanium Composite Anode
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Titanium Composite Anode market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include De Nora, Umicore, Permaskand, Metso, SPF, Xi'an Taijin Xinneng Technology, Baojichangli Special Metal, Jiangyin Anuo Electrode, Jiangyin Miracle Electrolysis Equipment, Magneto Special Anodes, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Titanium Composite Anode market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Ruthenium-based Titanium Electrodes

Iridium-based Titanium Electrodes

Platinum-based Titanium Electrodes

Others

Market segment by Shape

Mesh

Plate

Rod

Tube

Others

Market segment by Application

New Energy Batteries

Electrolytic Copper Foil

PCB Manufacturing

Hydrogen Production

Wastewater Treatment

Others

Major players covered

De Nora

Umicore

Permaskand

Metso

SPF

Xi'an Taijin Xinneng Technology

Baojichangli Special Metal

Jiangyin Anuo Electrode

Jiangyin Miracle Electrolysis Equipment

Magneto Special Anodes

Baoji Qixin Titanium

Zhongrui Guoneng Technology

Jiangsu Yi'anteng Special Electrode

UTron Technology

Baoji Ruicheng Titanium

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

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

Chapter 1, to describe Titanium Composite Anode product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Titanium Composite Anode, with price, sales quantity, revenue, and global market share of Titanium Composite Anode from 2021 to 2026.

Chapter 3, the Titanium Composite Anode competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Titanium Composite Anode breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Titanium Composite Anode market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Titanium Composite Anode.

Chapter 14 and 15, to describe Titanium Composite Anode sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Titanium Composite Anode Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Ruthenium-based Titanium Electrodes

1.3.3 Iridium-based Titanium Electrodes

1.3.4 Platinum-based Titanium Electrodes

1.3.5 Others

1.4 Market Analysis by Shape

1.4.1 Overview: Global Titanium Composite Anode Consumption Value by Shape: 2021 Versus 2025 Versus 2032

1.4.2 Mesh

1.4.3 Plate

1.4.4 Rod

1.4.5 Tube

1.4.6 Others

1.5 Market Analysis by Application

1.5.1 Overview: Global Titanium Composite Anode Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 New Energy Batteries

1.5.3 Electrolytic Copper Foil

1.5.4 PCB Manufacturing

1.5.5 Hydrogen Production

1.5.6 Wastewater Treatment

1.5.7 Others

1.6 Global Titanium Composite Anode Market Size & Forecast

1.6.1 Global Titanium Composite Anode Consumption Value (2021 & 2025 & 2032)

1.6.2 Global Titanium Composite Anode Sales Quantity (2021-2032)

1.6.3 Global Titanium Composite Anode Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 De Nora

2.1.1 De Nora Details

- 2.1.2 De Nora Major Business
- 2.1.3 De Nora Titanium Composite Anode Product and Services
- 2.1.4 De Nora Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 De Nora Recent Developments/Updates
- 2.2 Umicore
 - 2.2.1 Umicore Details
 - 2.2.2 Umicore Major Business
 - 2.2.3 Umicore Titanium Composite Anode Product and Services
 - 2.2.4 Umicore Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Umicore Recent Developments/Updates
- 2.3 Permaskand
 - 2.3.1 Permaskand Details
 - 2.3.2 Permaskand Major Business
 - 2.3.3 Permaskand Titanium Composite Anode Product and Services
 - 2.3.4 Permaskand Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Permaskand Recent Developments/Updates
- 2.4 Metso
 - 2.4.1 Metso Details
 - 2.4.2 Metso Major Business
 - 2.4.3 Metso Titanium Composite Anode Product and Services
 - 2.4.4 Metso Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Metso Recent Developments/Updates
- 2.5 SPF
 - 2.5.1 SPF Details
 - 2.5.2 SPF Major Business
 - 2.5.3 SPF Titanium Composite Anode Product and Services
 - 2.5.4 SPF Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 SPF Recent Developments/Updates
- 2.6 Xi'an Taijin Xinneng Technology
 - 2.6.1 Xi'an Taijin Xinneng Technology Details
 - 2.6.2 Xi'an Taijin Xinneng Technology Major Business
 - 2.6.3 Xi'an Taijin Xinneng Technology Titanium Composite Anode Product and Services
 - 2.6.4 Xi'an Taijin Xinneng Technology Titanium Composite Anode Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Xi'an Taijin Xinneng Technology Recent Developments/Updates

2.7 Baojichangli Special Metal

2.7.1 Baojichangli Special Metal Details

2.7.2 Baojichangli Special Metal Major Business

2.7.3 Baojichangli Special Metal Titanium Composite Anode Product and Services

2.7.4 Baojichangli Special Metal Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Baojichangli Special Metal Recent Developments/Updates

2.8 Jiangyin Anuo Electrode

2.8.1 Jiangyin Anuo Electrode Details

2.8.2 Jiangyin Anuo Electrode Major Business

2.8.3 Jiangyin Anuo Electrode Titanium Composite Anode Product and Services

2.8.4 Jiangyin Anuo Electrode Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Jiangyin Anuo Electrode Recent Developments/Updates

2.9 Jiangyin Miracle Electrolysis Equipment

2.9.1 Jiangyin Miracle Electrolysis Equipment Details

2.9.2 Jiangyin Miracle Electrolysis Equipment Major Business

2.9.3 Jiangyin Miracle Electrolysis Equipment Titanium Composite Anode Product and Services

2.9.4 Jiangyin Miracle Electrolysis Equipment Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Jiangyin Miracle Electrolysis Equipment Recent Developments/Updates

2.10 Magneto Special Anodes

2.10.1 Magneto Special Anodes Details

2.10.2 Magneto Special Anodes Major Business

2.10.3 Magneto Special Anodes Titanium Composite Anode Product and Services

2.10.4 Magneto Special Anodes Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Magneto Special Anodes Recent Developments/Updates

2.11 Baoji Qixin Titanium

2.11.1 Baoji Qixin Titanium Details

2.11.2 Baoji Qixin Titanium Major Business

2.11.3 Baoji Qixin Titanium Titanium Composite Anode Product and Services

2.11.4 Baoji Qixin Titanium Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Baoji Qixin Titanium Recent Developments/Updates

2.12 Zhongrui Guoneng Technology

- 2.12.1 Zhongrui Guoneng Technology Details
- 2.12.2 Zhongrui Guoneng Technology Major Business
- 2.12.3 Zhongrui Guoneng Technology Titanium Composite Anode Product and Services
- 2.12.4 Zhongrui Guoneng Technology Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.12.5 Zhongrui Guoneng Technology Recent Developments/Updates
- 2.13 Jiangsu Yi'anteng Special Electrode
 - 2.13.1 Jiangsu Yi'anteng Special Electrode Details
 - 2.13.2 Jiangsu Yi'anteng Special Electrode Major Business
 - 2.13.3 Jiangsu Yi'anteng Special Electrode Titanium Composite Anode Product and Services
 - 2.13.4 Jiangsu Yi'anteng Special Electrode Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.13.5 Jiangsu Yi'anteng Special Electrode Recent Developments/Updates
- 2.14 UTron Technology
 - 2.14.1 UTron Technology Details
 - 2.14.2 UTron Technology Major Business
 - 2.14.3 UTron Technology Titanium Composite Anode Product and Services
 - 2.14.4 UTron Technology Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 UTron Technology Recent Developments/Updates
- 2.15 Baoji Ruicheng Titanium
 - 2.15.1 Baoji Ruicheng Titanium Details
 - 2.15.2 Baoji Ruicheng Titanium Major Business
 - 2.15.3 Baoji Ruicheng Titanium Titanium Composite Anode Product and Services
 - 2.15.4 Baoji Ruicheng Titanium Titanium Composite Anode Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 Baoji Ruicheng Titanium Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: TITANIUM COMPOSITE ANODE BY MANUFACTURER

- 3.1 Global Titanium Composite Anode Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Titanium Composite Anode Revenue by Manufacturer (2021-2026)
- 3.3 Global Titanium Composite Anode Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of Titanium Composite Anode by Manufacturer Revenue (\$MM) and Market Share (%): 2025

- 3.4.2 Top 3 Titanium Composite Anode Manufacturer Market Share in 2025
- 3.4.3 Top 6 Titanium Composite Anode Manufacturer Market Share in 2025
- 3.5 Titanium Composite Anode Market: Overall Company Footprint Analysis
 - 3.5.1 Titanium Composite Anode Market: Region Footprint
 - 3.5.2 Titanium Composite Anode Market: Company Product Type Footprint
 - 3.5.3 Titanium Composite Anode Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Titanium Composite Anode Market Size by Region
 - 4.1.1 Global Titanium Composite Anode Sales Quantity by Region (2021-2032)
 - 4.1.2 Global Titanium Composite Anode Consumption Value by Region (2021-2032)
 - 4.1.3 Global Titanium Composite Anode Average Price by Region (2021-2032)
- 4.2 North America Titanium Composite Anode Consumption Value (2021-2032)
- 4.3 Europe Titanium Composite Anode Consumption Value (2021-2032)
- 4.4 Asia-Pacific Titanium Composite Anode Consumption Value (2021-2032)
- 4.5 South America Titanium Composite Anode Consumption Value (2021-2032)
- 4.6 Middle East & Africa Titanium Composite Anode Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Titanium Composite Anode Sales Quantity by Type (2021-2032)
- 5.2 Global Titanium Composite Anode Consumption Value by Type (2021-2032)
- 5.3 Global Titanium Composite Anode Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Titanium Composite Anode Sales Quantity by Application (2021-2032)
- 6.2 Global Titanium Composite Anode Consumption Value by Application (2021-2032)
- 6.3 Global Titanium Composite Anode Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America Titanium Composite Anode Sales Quantity by Type (2021-2032)
- 7.2 North America Titanium Composite Anode Sales Quantity by Application (2021-2032)
- 7.3 North America Titanium Composite Anode Market Size by Country

7.3.1 North America Titanium Composite Anode Sales Quantity by Country (2021-2032)

7.3.2 North America Titanium Composite Anode Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe Titanium Composite Anode Sales Quantity by Type (2021-2032)

8.2 Europe Titanium Composite Anode Sales Quantity by Application (2021-2032)

8.3 Europe Titanium Composite Anode Market Size by Country

8.3.1 Europe Titanium Composite Anode Sales Quantity by Country (2021-2032)

8.3.2 Europe Titanium Composite Anode Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific Titanium Composite Anode Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Titanium Composite Anode Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Titanium Composite Anode Market Size by Region

9.3.1 Asia-Pacific Titanium Composite Anode Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Titanium Composite Anode Consumption Value by Region (2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America Titanium Composite Anode Sales Quantity by Type (2021-2032)

10.2 South America Titanium Composite Anode Sales Quantity by Application (2021-2032)

10.3 South America Titanium Composite Anode Market Size by Country

10.3.1 South America Titanium Composite Anode Sales Quantity by Country (2021-2032)

10.3.2 South America Titanium Composite Anode Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Titanium Composite Anode Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Titanium Composite Anode Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Titanium Composite Anode Market Size by Country

11.3.1 Middle East & Africa Titanium Composite Anode Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Titanium Composite Anode Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 Titanium Composite Anode Market Drivers

12.2 Titanium Composite Anode Market Restraints

12.3 Titanium Composite Anode Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Titanium Composite Anode and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Titanium Composite Anode
- 13.3 Titanium Composite Anode Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Titanium Composite Anode Typical Distributors
- 14.3 Titanium Composite Anode Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

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

List Of Tables

LIST OF TABLES

Table 1. Global Titanium Composite Anode Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Titanium Composite Anode Consumption Value by Shape, (USD Million), 2021 & 2025 & 2032

Table 3. Global Titanium Composite Anode Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. De Nora Basic Information, Manufacturing Base and Competitors

Table 5. De Nora Major Business

Table 6. De Nora Titanium Composite Anode Product and Services

Table 7. De Nora Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. De Nora Recent Developments/Updates

Table 9. Umicore Basic Information, Manufacturing Base and Competitors

Table 10. Umicore Major Business

Table 11. Umicore Titanium Composite Anode Product and Services

Table 12. Umicore Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. Umicore Recent Developments/Updates

Table 14. Permaskand Basic Information, Manufacturing Base and Competitors

Table 15. Permaskand Major Business

Table 16. Permaskand Titanium Composite Anode Product and Services

Table 17. Permaskand Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Permaskand Recent Developments/Updates

Table 19. Metso Basic Information, Manufacturing Base and Competitors

Table 20. Metso Major Business

Table 21. Metso Titanium Composite Anode Product and Services

Table 22. Metso Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Metso Recent Developments/Updates

Table 24. SPF Basic Information, Manufacturing Base and Competitors

Table 25. SPF Major Business

Table 26. SPF Titanium Composite Anode Product and Services

Table 27. SPF Titanium Composite Anode Sales Quantity (Sq m), Average Price

(US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. SPF Recent Developments/Updates

Table 29. Xi'an Taijin Xinneng Technology Basic Information, Manufacturing Base and Competitors

Table 30. Xi'an Taijin Xinneng Technology Major Business

Table 31. Xi'an Taijin Xinneng Technology Titanium Composite Anode Product and Services

Table 32. Xi'an Taijin Xinneng Technology Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. Xi'an Taijin Xinneng Technology Recent Developments/Updates

Table 34. Baojichangli Special Metal Basic Information, Manufacturing Base and Competitors

Table 35. Baojichangli Special Metal Major Business

Table 36. Baojichangli Special Metal Titanium Composite Anode Product and Services

Table 37. Baojichangli Special Metal Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Baojichangli Special Metal Recent Developments/Updates

Table 39. Jiangyin Anuo Electrode Basic Information, Manufacturing Base and Competitors

Table 40. Jiangyin Anuo Electrode Major Business

Table 41. Jiangyin Anuo Electrode Titanium Composite Anode Product and Services

Table 42. Jiangyin Anuo Electrode Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Jiangyin Anuo Electrode Recent Developments/Updates

Table 44. Jiangyin Miracle Electrolysis Equipment Basic Information, Manufacturing Base and Competitors

Table 45. Jiangyin Miracle Electrolysis Equipment Major Business

Table 46. Jiangyin Miracle Electrolysis Equipment Titanium Composite Anode Product and Services

Table 47. Jiangyin Miracle Electrolysis Equipment Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Jiangyin Miracle Electrolysis Equipment Recent Developments/Updates

Table 49. Magneto Special Anodes Basic Information, Manufacturing Base and Competitors

Table 50. Magneto Special Anodes Major Business

Table 51. Magneto Special Anodes Titanium Composite Anode Product and Services

Table 52. Magneto Special Anodes Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Magneto Special Anodes Recent Developments/Updates

Table 54. Baoji Qixin Titanium Basic Information, Manufacturing Base and Competitors

Table 55. Baoji Qixin Titanium Major Business

Table 56. Baoji Qixin Titanium Titanium Composite Anode Product and Services

Table 57. Baoji Qixin Titanium Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. Baoji Qixin Titanium Recent Developments/Updates

Table 59. Zhongrui Guoneng Technology Basic Information, Manufacturing Base and Competitors

Table 60. Zhongrui Guoneng Technology Major Business

Table 61. Zhongrui Guoneng Technology Titanium Composite Anode Product and Services

Table 62. Zhongrui Guoneng Technology Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 63. Zhongrui Guoneng Technology Recent Developments/Updates

Table 64. Jiangsu Yi'anteng Special Electrode Basic Information, Manufacturing Base and Competitors

Table 65. Jiangsu Yi'anteng Special Electrode Major Business

Table 66. Jiangsu Yi'anteng Special Electrode Titanium Composite Anode Product and Services

Table 67. Jiangsu Yi'anteng Special Electrode Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 68. Jiangsu Yi'anteng Special Electrode Recent Developments/Updates

Table 69. UTron Technology Basic Information, Manufacturing Base and Competitors

Table 70. UTron Technology Major Business

Table 71. UTron Technology Titanium Composite Anode Product and Services

Table 72. UTron Technology Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 73. UTron Technology Recent Developments/Updates

Table 74. Baoji Ruicheng Titanium Basic Information, Manufacturing Base and Competitors

Table 75. Baoji Ruicheng Titanium Major Business

Table 76. Baoji Ruicheng Titanium Titanium Composite Anode Product and Services

Table 77. Baoji Ruicheng Titanium Titanium Composite Anode Sales Quantity (Sq m), Average Price (US\$/Sq m), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Baoji Ruicheng Titanium Recent Developments/Updates

Table 79. Global Titanium Composite Anode Sales Quantity by Manufacturer (2021-2026) & (Sq m)

Table 80. Global Titanium Composite Anode Revenue by Manufacturer (2021-2026) & (USD Million)

Table 81. Global Titanium Composite Anode Average Price by Manufacturer (2021-2026) & (US\$/Sq m)

Table 82. Market Position of Manufacturers in Titanium Composite Anode, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 83. Head Office and Titanium Composite Anode Production Site of Key Manufacturer

Table 84. Titanium Composite Anode Market: Company Product Type Footprint

Table 85. Titanium Composite Anode Market: Company Product Application Footprint

Table 86. Titanium Composite Anode New Market Entrants and Barriers to Market Entry

Table 87. Titanium Composite Anode Mergers, Acquisition, Agreements, and Collaborations

Table 88. Global Titanium Composite Anode Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 89. Global Titanium Composite Anode Sales Quantity by Region (2021-2026) & (Sq m)

Table 90. Global Titanium Composite Anode Sales Quantity by Region (2027-2032) & (Sq m)

Table 91. Global Titanium Composite Anode Consumption Value by Region (2021-2026) & (USD Million)

Table 92. Global Titanium Composite Anode Consumption Value by Region (2027-2032) & (USD Million)

Table 93. Global Titanium Composite Anode Average Price by Region (2021-2026) & (US\$/Sq m)

Table 94. Global Titanium Composite Anode Average Price by Region (2027-2032) & (US\$/Sq m)

Table 95. Global Titanium Composite Anode Sales Quantity by Type (2021-2026) & (Sq m)

Table 96. Global Titanium Composite Anode Sales Quantity by Type (2027-2032) & (Sq m)

Table 97. Global Titanium Composite Anode Consumption Value by Type (2021-2026) & (USD Million)

Table 98. Global Titanium Composite Anode Consumption Value by Type (2027-2032) & (USD Million)

Table 99. Global Titanium Composite Anode Average Price by Type (2021-2026) & (US\$/Sq m)

Table 100. Global Titanium Composite Anode Average Price by Type (2027-2032) & (US\$/Sq m)

Table 101. Global Titanium Composite Anode Sales Quantity by Application (2021-2026) & (Sq m)

Table 102. Global Titanium Composite Anode Sales Quantity by Application (2027-2032) & (Sq m)

Table 103. Global Titanium Composite Anode Consumption Value by Application (2021-2026) & (USD Million)

Table 104. Global Titanium Composite Anode Consumption Value by Application (2027-2032) & (USD Million)

Table 105. Global Titanium Composite Anode Average Price by Application (2021-2026) & (US\$/Sq m)

Table 106. Global Titanium Composite Anode Average Price by Application (2027-2032) & (US\$/Sq m)

Table 107. North America Titanium Composite Anode Sales Quantity by Type (2021-2026) & (Sq m)

Table 108. North America Titanium Composite Anode Sales Quantity by Type (2027-2032) & (Sq m)

Table 109. North America Titanium Composite Anode Sales Quantity by Application (2021-2026) & (Sq m)

Table 110. North America Titanium Composite Anode Sales Quantity by Application (2027-2032) & (Sq m)

Table 111. North America Titanium Composite Anode Sales Quantity by Country (2021-2026) & (Sq m)

Table 112. North America Titanium Composite Anode Sales Quantity by Country (2027-2032) & (Sq m)

Table 113. North America Titanium Composite Anode Consumption Value by Country (2021-2026) & (USD Million)

Table 114. North America Titanium Composite Anode Consumption Value by Country (2027-2032) & (USD Million)

Table 115. Europe Titanium Composite Anode Sales Quantity by Type (2021-2026) & (Sq m)

Table 116. Europe Titanium Composite Anode Sales Quantity by Type (2027-2032) &

(Sq m)

Table 117. Europe Titanium Composite Anode Sales Quantity by Application (2021-2026) & (Sq m)

Table 118. Europe Titanium Composite Anode Sales Quantity by Application (2027-2032) & (Sq m)

Table 119. Europe Titanium Composite Anode Sales Quantity by Country (2021-2026) & (Sq m)

Table 120. Europe Titanium Composite Anode Sales Quantity by Country (2027-2032) & (Sq m)

Table 121. Europe Titanium Composite Anode Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Europe Titanium Composite Anode Consumption Value by Country (2027-2032) & (USD Million)

Table 123. Asia-Pacific Titanium Composite Anode Sales Quantity by Type (2021-2026) & (Sq m)

Table 124. Asia-Pacific Titanium Composite Anode Sales Quantity by Type (2027-2032) & (Sq m)

Table 125. Asia-Pacific Titanium Composite Anode Sales Quantity by Application (2021-2026) & (Sq m)

Table 126. Asia-Pacific Titanium Composite Anode Sales Quantity by Application (2027-2032) & (Sq m)

Table 127. Asia-Pacific Titanium Composite Anode Sales Quantity by Region (2021-2026) & (Sq m)

Table 128. Asia-Pacific Titanium Composite Anode Sales Quantity by Region (2027-2032) & (Sq m)

Table 129. Asia-Pacific Titanium Composite Anode Consumption Value by Region (2021-2026) & (USD Million)

Table 130. Asia-Pacific Titanium Composite Anode Consumption Value by Region (2027-2032) & (USD Million)

Table 131. South America Titanium Composite Anode Sales Quantity by Type (2021-2026) & (Sq m)

Table 132. South America Titanium Composite Anode Sales Quantity by Type (2027-2032) & (Sq m)

Table 133. South America Titanium Composite Anode Sales Quantity by Application (2021-2026) & (Sq m)

Table 134. South America Titanium Composite Anode Sales Quantity by Application (2027-2032) & (Sq m)

Table 135. South America Titanium Composite Anode Sales Quantity by Country (2021-2026) & (Sq m)

Table 136. South America Titanium Composite Anode Sales Quantity by Country (2027-2032) & (Sq m)

Table 137. South America Titanium Composite Anode Consumption Value by Country (2021-2026) & (USD Million)

Table 138. South America Titanium Composite Anode Consumption Value by Country (2027-2032) & (USD Million)

Table 139. Middle East & Africa Titanium Composite Anode Sales Quantity by Type (2021-2026) & (Sq m)

Table 140. Middle East & Africa Titanium Composite Anode Sales Quantity by Type (2027-2032) & (Sq m)

Table 141. Middle East & Africa Titanium Composite Anode Sales Quantity by Application (2021-2026) & (Sq m)

Table 142. Middle East & Africa Titanium Composite Anode Sales Quantity by Application (2027-2032) & (Sq m)

Table 143. Middle East & Africa Titanium Composite Anode Sales Quantity by Country (2021-2026) & (Sq m)

Table 144. Middle East & Africa Titanium Composite Anode Sales Quantity by Country (2027-2032) & (Sq m)

Table 145. Middle East & Africa Titanium Composite Anode Consumption Value by Country (2021-2026) & (USD Million)

Table 146. Middle East & Africa Titanium Composite Anode Consumption Value by Country (2027-2032) & (USD Million)

Table 147. Titanium Composite Anode Raw Material

Table 148. Key Manufacturers of Titanium Composite Anode Raw Materials

Table 149. Titanium Composite Anode Typical Distributors

Table 150. Titanium Composite Anode Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. Titanium Composite Anode Picture
- Figure 2. Global Titanium Composite Anode Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Titanium Composite Anode Revenue Market Share by Type in 2025
- Figure 4. Ruthenium-based Titanium Electrodes Examples
- Figure 5. Iridium-based Titanium Electrodes Examples
- Figure 6. Platinum-based Titanium Electrodes Examples
- Figure 7. Others Examples
- Figure 8. Global Titanium Composite Anode Revenue by Shape, (USD Million), 2021 & 2025 & 2032
- Figure 9. Global Titanium Composite Anode Revenue Market Share by Shape in 2025
- Figure 10. Mesh Examples
- Figure 11. Plate Examples
- Figure 12. Rod Examples
- Figure 13. Tube Examples
- Figure 14. Others Examples
- Figure 15. Global Titanium Composite Anode Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 16. Global Titanium Composite Anode Revenue Market Share by Application in 2025
- Figure 17. New Energy Batteries Examples
- Figure 18. Electrolytic Copper Foil Examples
- Figure 19. PCB Manufacturing Examples
- Figure 20. Hydrogen Production Examples
- Figure 21. Wastewater Treatment Examples
- Figure 22. Others Examples
- Figure 23. Global Titanium Composite Anode Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 24. Global Titanium Composite Anode Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 25. Global Titanium Composite Anode Sales Quantity (2021-2032) & (Sq m)
- Figure 26. Global Titanium Composite Anode Price (2021-2032) & (US\$/Sq m)
- Figure 27. Global Titanium Composite Anode Sales Quantity Market Share by Manufacturer in 2025
- Figure 28. Global Titanium Composite Anode Revenue Market Share by Manufacturer

in 2025

Figure 29. Producer Shipments of Titanium Composite Anode by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 30. Top 3 Titanium Composite Anode Manufacturer (Revenue) Market Share in 2025

Figure 31. Top 6 Titanium Composite Anode Manufacturer (Revenue) Market Share in 2025

Figure 32. Global Titanium Composite Anode Sales Quantity Market Share by Region (2021-2032)

Figure 33. Global Titanium Composite Anode Consumption Value Market Share by Region (2021-2032)

Figure 34. North America Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 35. Europe Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 36. Asia-Pacific Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 37. South America Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 38. Middle East & Africa Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 39. Global Titanium Composite Anode Sales Quantity Market Share by Type (2021-2032)

Figure 40. Global Titanium Composite Anode Consumption Value Market Share by Type (2021-2032)

Figure 41. Global Titanium Composite Anode Average Price by Type (2021-2032) & (US\$/Sq m)

Figure 42. Global Titanium Composite Anode Sales Quantity Market Share by Application (2021-2032)

Figure 43. Global Titanium Composite Anode Revenue Market Share by Application (2021-2032)

Figure 44. Global Titanium Composite Anode Average Price by Application (2021-2032) & (US\$/Sq m)

Figure 45. North America Titanium Composite Anode Sales Quantity Market Share by Type (2021-2032)

Figure 46. North America Titanium Composite Anode Sales Quantity Market Share by Application (2021-2032)

Figure 47. North America Titanium Composite Anode Sales Quantity Market Share by Country (2021-2032)

Figure 48. North America Titanium Composite Anode Consumption Value Market Share by Country (2021-2032)

Figure 49. United States Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 50. Canada Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 51. Mexico Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 52. Europe Titanium Composite Anode Sales Quantity Market Share by Type (2021-2032)

Figure 53. Europe Titanium Composite Anode Sales Quantity Market Share by Application (2021-2032)

Figure 54. Europe Titanium Composite Anode Sales Quantity Market Share by Country (2021-2032)

Figure 55. Europe Titanium Composite Anode Consumption Value Market Share by Country (2021-2032)

Figure 56. Germany Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 57. France Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 58. United Kingdom Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 59. Russia Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 60. Italy Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 61. Asia-Pacific Titanium Composite Anode Sales Quantity Market Share by Type (2021-2032)

Figure 62. Asia-Pacific Titanium Composite Anode Sales Quantity Market Share by Application (2021-2032)

Figure 63. Asia-Pacific Titanium Composite Anode Sales Quantity Market Share by Region (2021-2032)

Figure 64. Asia-Pacific Titanium Composite Anode Consumption Value Market Share by Region (2021-2032)

Figure 65. China Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 66. Japan Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 67. South Korea Titanium Composite Anode Consumption Value (2021-2032) &

(USD Million)

Figure 68. India Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 69. Southeast Asia Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 70. Australia Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 71. South America Titanium Composite Anode Sales Quantity Market Share by Type (2021-2032)

Figure 72. South America Titanium Composite Anode Sales Quantity Market Share by Application (2021-2032)

Figure 73. South America Titanium Composite Anode Sales Quantity Market Share by Country (2021-2032)

Figure 74. South America Titanium Composite Anode Consumption Value Market Share by Country (2021-2032)

Figure 75. Brazil Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 76. Argentina Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 77. Middle East & Africa Titanium Composite Anode Sales Quantity Market Share by Type (2021-2032)

Figure 78. Middle East & Africa Titanium Composite Anode Sales Quantity Market Share by Application (2021-2032)

Figure 79. Middle East & Africa Titanium Composite Anode Sales Quantity Market Share by Country (2021-2032)

Figure 80. Middle East & Africa Titanium Composite Anode Consumption Value Market Share by Country (2021-2032)

Figure 81. Turkey Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 82. Egypt Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 83. Saudi Arabia Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 84. South Africa Titanium Composite Anode Consumption Value (2021-2032) & (USD Million)

Figure 85. Titanium Composite Anode Market Drivers

Figure 86. Titanium Composite Anode Market Restraints

Figure 87. Titanium Composite Anode Market Trends

Figure 88. Porters Five Forces Analysis

Figure 89. Manufacturing Cost Structure Analysis of Titanium Composite Anode in 2025

Figure 90. Manufacturing Process Analysis of Titanium Composite Anode

Figure 91. Titanium Composite Anode Industrial Chain

Figure 92. Sales Channel: Direct to End-User vs Distributors

Figure 93. Direct Channel Pros & Cons

Figure 94. Indirect Channel Pros & Cons

Figure 95. Methodology

Figure 96. Research Process and Data Source

I would like to order

Product name: Global Titanium Composite Anode Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GA4D1B245D3CEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA4D1B245D3CEN.html>