

## **Barium Titanate Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)**

Market Report | 2025-08-12 | 177 pages | EMR Inc.

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### **Report description:**

The global barium titanate market is expected to grow at a CAGR of 6.00% in the forecast period of 2025-2034, driven by the rising demand for electric vehicles.

The Asia Pacific Leading the Global Market for Barium Titanate

The global market for barium titanate is dominated by the Asia Pacific region, owing to the regions' rapid economic growth and urbanisation. The market is primarily being driven by the rising demand for electric vehicles in the region. The rise in carbon dioxide emissions, as well as the increased government efforts to reduce the number of petroleum and diesel-based vehicles, is a key driver for the increase in the demand in the Asia Pacific for electric vehicles, which is further driving the demand for barium titanate.

The growth in the electric vehicle production is a result of an increase in the number of carbon dioxide emission regulations as a result of rising global warming worldwide. An increasing number of initiatives aimed at boosting the sales of electric vehicles is expected to fuel the demand for barium titanate in the coming years.

Barium Titanate: Market Segmentation

Barium titanate is an inorganic chemical compound formed by heating titanium oxide and barium carbonate. It is a white, powdery, perovskite-bodied material. Barium titanate is a ferroelectric substance with piezoelectric characteristics and pyroelectric properties. Also, one of the key features of that material is its high dielectric constant.

The product finds wide applications in the following segments:

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- Sensors
- Capacitors
- Thermistors
- Opto-Electronic Devices
- Others

The regional markets for barium titanate can be divided into

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Rising Application of Barium Titanate Bolstering the Market Growth

The global market for barium titanate is rising owing to its growing applications in various sectors. It finds applications in capacitors, lead-free piezoelectric devices, electroluminescent coatings, and composite polymer films. The capacity and photorefractive properties of barium titanate are likely to contribute to their demand in the coming years. In addition, the high dielectric and lead-free character of barium titanate make it a suitable material to use in the production of different electronic devices. Consequently, zirconated titanate may be used as an environmentally friendly substitute, further aiding the market growth for barium titanate.

The rising middle-class population, shifting lifestyle habits, as well as a growth in smart electronic equipment are expected to drive the consumer electronics growth over the coming years. In addition, the rising disposable incomes and the rise in internet usage are expected to increase the electronic equipment production. Capacitors are commonly used in electronic devices for the storage of energy. As a result, the demand for titanium barium is likely to be propelled forward in the coming years. These factors are likely to boost the growth of the global market for barium titanate.

#### Key Industry Players in the Global Barium Titanate Market

The report gives a detailed analysis of the following key players in the global barium titanate market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- KCM Corporation
- Ferro Corporation
- Fuji Titanium Industry Co., Ltd.
- Nippon Chemical Industrial CO., LTD.
- Shandong Sinocera Functional Material Co., Ltd
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

#### **Table of Contents:**

**Scotts International. EU Vat number: PL 6772247784**

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- 1 Executive Summary
  - 1.1 Market Size 2024-2025
  - 1.2 Market Growth 2025(F)-2034(F)
  - 1.3 Key Demand Drivers
  - 1.4 Key Players and Competitive Structure
  - 1.5 Industry Best Practices
  - 1.6 Recent Trends and Developments
  - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
  - 2.1 Market Trends
  - 2.2 Key Verticals
  - 2.3 Key Regions
  - 2.4 Supplier Power
  - 2.5 Buyer Power
  - 2.6 Key Market Opportunities and Risks
  - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
  - 3.1 GDP Outlook
  - 3.2 GDP Per Capita Growth
  - 3.3 Inflation Trends
  - 3.4 Democracy Index
  - 3.5 Gross Public Debt Ratios
  - 3.6 Balance of Payment (BoP) Position
  - 3.7 Population Outlook
  - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
  - 4.1 Country Risk
  - 4.2 Business Climate
- 5 Global Barium Titanate Market Analysis
  - 5.1 Key Industry Highlights
  - 5.2 Global Barium Titanate Historical Market (2018-2024)
  - 5.3 Global Barium Titanate Market Forecast (2025-2034)
  - 5.4 Global Barium Titanate Market by Application
    - 5.4.1 Sensors
      - 5.4.1.1 Historical Trend (2018-2024)
      - 5.4.1.2 Forecast Trend (2025-2034)
    - 5.4.2 Capacitors
      - 5.4.2.1 Historical Trend (2018-2024)
      - 5.4.2.2 Forecast Trend (2025-2034)
    - 5.4.3 Thermistors
      - 5.4.3.1 Historical Trend (2018-2024)
      - 5.4.3.2 Forecast Trend (2025-2034)
    - 5.4.4 Opto-Electronic Devices
      - 5.4.4.1 Historical Trend (2018-2024)
      - 5.4.4.2 Forecast Trend (2025-2034)
    - 5.4.5 Others
  - 5.5 Global Barium Titanate Market by Region

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- 5.5.1 North America
- 5.5.2 Europe
- 5.5.3 Asia Pacific
- 5.5.4 Latin America
- 5.5.5 Middle East and Africa
- 6 Regional Analysis
  - 6.1 North America
    - 6.1.1 Historical Trend (2018-2024)
    - 6.1.2 Forecast Trend (2025-2034)
    - 6.1.3 Breakup by Country
      - 6.1.3.1 United States of America
      - 6.1.3.2 Canada
  - 6.2 Europe
    - 6.2.1 Historical Trend (2018-2024)
    - 6.2.2 Forecast Trend (2025-2034)
    - 6.2.3 Breakup by Country
      - 6.2.3.1 United Kingdom
      - 6.2.3.2 Germany
      - 6.2.3.3 France
      - 6.2.3.4 Italy
      - 6.2.3.5 Others
  - 6.3 Asia Pacific
    - 6.3.1 Historical Trend (2018-2024)
    - 6.3.2 Forecast Trend (2025-2034)
    - 6.3.3 Breakup by Country
      - 6.3.3.1 China
      - 6.3.3.2 Japan
      - 6.3.3.3 India
      - 6.3.3.4 ASEAN
      - 6.3.3.5 Australia
      - 6.3.3.6 Others
  - 6.4 Latin America
    - 6.4.1 Historical Trend (2018-2024)
    - 6.4.2 Forecast Trend (2025-2034)
    - 6.4.3 Breakup by Country
      - 6.4.3.1 Brazil
      - 6.4.3.2 Argentina
      - 6.4.3.3 Mexico
      - 6.4.3.4 Others
  - 6.5 Middle East and Africa
    - 6.5.1 Historical Trend (2018-2024)
    - 6.5.2 Forecast Trend (2025-2034)
    - 6.5.3 Breakup by Country
      - 6.5.3.1 Saudi Arabia
      - 6.5.3.2 United Arab Emirates
      - 6.5.3.3 Nigeria
      - 6.5.3.4 South Africa

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- 6.5.3.5 Others
- 7 Market Dynamics
  - 7.1 SWOT Analysis
    - 7.1.1 Strengths
    - 7.1.2 Weaknesses
    - 7.1.3 Opportunities
    - 7.1.4 Threats
  - 7.2 Porter's Five Forces Analysis
    - 7.2.1 Supplier's Power
    - 7.2.2 Buyer's Power
    - 7.2.3 Threat of New Entrants
    - 7.2.4 Degree of Rivalry
    - 7.2.5 Threat of Substitutes
  - 7.3 Key Indicators for Demand
  - 7.4 Key Indicators for Price
- 8 Value Chain Analysis
- 9 Price Analysis
  - 9.1 North America Historical Price Trends (2018-2024) and Forecast (2025-2034)
  - 9.2 Europe Historical Price Trends (2018-2024) and Forecast (2025-2034)
  - 9.3 Asia Pacific Historical Price Trends (2018-2024) and Forecast (2025-2034)
  - 9.4 Latin America Historical Price Trends (2018-2024) and Forecast (2025-2034)
  - 9.5 Middle East and Africa Historical Price Trends (2018-2024) and Forecast (2025-2034)
- 10 Manufacturing Process
  - 10.1 Overview
  - 10.2 Detailed Process Flow
  - 10.3 Operations Involved
- 11 Competitive Landscape
  - 11.1 Supplier Selection
  - 11.2 Key Global Players
  - 11.3 Key Regional Players
  - 11.4 Key Player Strategies
  - 11.5 Company Profiles
    - 11.5.1 KCM Corporation
      - 11.5.1.1 Company Overview
      - 11.5.1.2 Product Portfolio
      - 11.5.1.3 Demographic Reach and Achievements
      - 11.5.1.4 Certifications
    - 11.5.2 Ferro Corporation
      - 11.5.2.1 Company Overview
      - 11.5.2.2 Product Portfolio
      - 11.5.2.3 Demographic Reach and Achievements
      - 11.5.2.4 Certifications
    - 11.5.3 Fuji Titanium Industry Co., Ltd.
      - 11.5.3.1 Company Overview
      - 11.5.3.2 Product Portfolio
      - 11.5.3.3 Demographic Reach and Achievements
      - 11.5.3.4 Certifications

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- 11.5.4 Nippon Chemical Industrial CO., LTD.
- 11.5.4.1 Company Overview
- 11.5.4.2 Product Portfolio
- 11.5.4.3 Demographic Reach and Achievements
- 11.5.4.4 Certifications
- 11.5.5 Shandong Sinocera Functional Material Co., Ltd
- 11.5.5.1 Company Overview
- 11.5.5.2 Product Portfolio
- 11.5.5.3 Demographic Reach and Achievements
- 11.5.5.4 Certifications
- 11.5.6 Others

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