

# Global Titanium Diboride Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Titanium Diboride market size was valued at USD 44 million in 2023 and is forecast to a readjusted size of USD 58 million by 2030 with a CAGR of 4.0% during review period.

Titanium diboride (TiB<sub>2</sub>) is a very high hardness gray-black powder. Titanium diboride is widely used in various industries due to its high hardness, extremely, high electrical conductivity and thermal stability and inertness to nonferrous metal melts.

H.C.Starck, Momentive, 3M, PENSC, Dandong Rijin, Orient Special Ceramics, Japan New Metals etc. are the key suppliers in the global Titanium Diboride market. Top 5 took up more than 49% of the global market. H.C.Starck, Momentive, 3M, etc. which have leading technology and market position, are well-known suppliers around the world.

Asia Pacific market took up about 46% the global market, while Europe and North America were about 27%, 23%.

The Global Info Research report includes an overview of the development of the Titanium Diboride industry chain, the market status of Electrically Conductive/Composite Ceramics (Carbotherm al reduction method, Self-propagating Reaction?SHS?), Cathodes for Aluminum Smelting (Carbotherm al reduction method, Self-propagating Reaction?SHS?), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Titanium Diboride.

Regionally, the report analyzes the Titanium Diboride markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Titanium Diboride market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Titanium Diboride market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Titanium Diboride industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (MT), revenue generated, and market share of different by Type (e.g., Carbotherm al reduction method, Self-propagating Reaction?SHS?).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Titanium Diboride market.

**Regional Analysis:** The report involves examining the Titanium Diboride market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Titanium Diboride market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Titanium Diboride:

**Company Analysis:** Report covers individual Titanium Diboride manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Titanium Diboride. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Electrically Conductive/Composite Ceramics, Cathodes for Aluminum Smelting).

**Technology Analysis:** Report covers specific technologies relevant to Titanium Diboride. It assesses the current state, advancements, and potential future developments in Titanium Diboride areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Titanium Diboride market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Titanium Diboride market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Carbotherm al reduction method

Self-propagating Reaction?SHS?

Other

### Market segment by Application

Electrically Conductive/Composite Ceramics

Cathodes for Aluminum Smelting

Refractory Components

Cutting Tools

Others

Major players covered

H.C.Starck

Momentive

3M

PENSC

Longji Tetao

Kennametal

Dandong Rijin

Orient Special Ceramics

Japan New Metals

Sinyo

Eno Material

Treibacher

DCEI

Materion

Jingyi Ceramics

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 Diboride product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Titanium Diboride, with price, sales, revenue and global market share of Titanium Diboride from 2019 to 2024.

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

Chapter 4, the Titanium Diboride breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and Titanium Diboride market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Diboride.

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

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