

# Global Titanium Diboride Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Titanium Diboride market size was valued at US\$ 48 million in 2024 and is forecast to a readjusted size of USD 63.4 million by 2031 with a CAGR of 4.1% 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, PENSOC, 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%.

This report is a detailed and comprehensive analysis for global Titanium Diboride 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 Diboride market size and forecasts, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2020-2031

Global Titanium Diboride market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2020-2031

Global Titanium Diboride market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (MT), and average selling prices (USD/MT), 2020-2031

Global Titanium Diboride market shares of main players, shipments in revenue (\$ Million), sales quantity (MT), and ASP (USD/MT), 2020-2025

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 Diboride

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 Diboride 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 H.C.Starck, Momentive, 3M, PENSC, Longji Tetao, Kennametal, Dandong Rijin, Orient Special Ceramics, Japan New Metals, Sinyo, etc.

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

### Market Segmentation

Titanium Diboride market is split by Type and by Application. For the period 2020-2031,

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

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

quantity, revenue, and global market share of Titanium Diboride from 2020 to 2025.

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 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Titanium Diboride market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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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