

Global Titanium Sponge by Mg-thermal Reduction Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Titanium Sponge by Mg-thermal Reduction market size is expected to reach \$ 4274.7 million by 2029, rising at a market growth of 11.5% CAGR during the forecast period (2023-2029).

In the middle of 2023, China's titanium sponge market will further weaken. With the substantial increase in the production of titanium sponge in China and the weakening of demand in some downstream industries, the oversupply situation in the titanium sponge market has intensified. Recently, the product inventory of sponge titanium enterprises has gradually increased, and the sales pressure has increased. In order to seize the market, enterprises are forced to compete for orders by cutting prices. At the end of May, the price of grade 1 titanium sponge in China dropped by US\$430-700/ton compared with the beginning of May. After the price of sponge titanium fell, domestic titanium prices did not change significantly. The main reasons are, first, that the price of sponge titanium fell relatively flat before mid-May, and second, that titanium material companies still have a certain amount of high-priced titanium sponge inventory that needs to be digested. Therefore, the impact of the price reduction of sponge titanium has not yet been fully transmitted to titanium products.

In the manufacturing process for titanium sponge, pure titanium tetrachloride is reacted in a stainless steel reactor with magnesium metal heated to 900°. The titanium tetrachloride is reduced by the magnesium to produce the sponge. Magnesium chloride is extracted at regular intervals during the reaction by the application of pressure. After the reaction has completed, the magnesium chloride and magnesium included in the lump of titanium sponge are eliminated by high temperature vacuum extraction (vacuum separation process), to leave the titanium sponge.

This report studies the global Titanium Sponge by Mg-thermal Reduction production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Titanium Sponge by Mg-thermal Reduction, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Titanium Sponge by Mg-thermal Reduction that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Titanium Sponge by Mg-thermal Reduction total production and demand, 2018-2029, (Tons)

Global Titanium Sponge by Mg-thermal Reduction total production value, 2018-2029, (USD Million)

Global Titanium Sponge by Mg-thermal Reduction production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Titanium Sponge by Mg-thermal Reduction consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Titanium Sponge by Mg-thermal Reduction domestic production, consumption, key domestic manufacturers and share

Global Titanium Sponge by Mg-thermal Reduction production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Titanium Sponge by Mg-thermal Reduction production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Titanium Sponge by Mg-thermal Reduction production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons).

This reports profiles key players in the global Titanium Sponge by Mg-thermal Reduction market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key

developments. Key companies covered as a part of this study include AVISMA, UKTMP, ZTMC, OSAKA Titanium, Toho Titanium, Pangang Group Titanium Industrial, Chaoyang Jinda Titanium Industry, Luoyang Shuangrui Wanji Titanium and Xinjiang Xiangrun New Material Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Titanium Sponge by Mg-thermal Reduction market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Titanium Sponge by Mg-thermal Reduction Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Titanium Sponge by Mg-thermal Reduction Market, Segmentation by Type

Ti Above 99.7%

Ti 99.5%~99.7%

Ti 99.3%~99.5%

Ti Below 99.3%

Global Titanium Sponge by Mg-thermal Reduction Market, Segmentation by Application

Aerospace and Defense

Chemical

Medical

Electric Power

Othersr

Companies Profiled:

AVISMA

UKTMP

ZTMC

OSAKA Titanium

Toho Titanium

Pangang Group Titanium Industrial

Chaoyang Jinda Titanium Industry

Luoyang Shuangrui Wanji Titanium

Xinjiang Xiangrun New Material Technology

Chaoyang Baisheng

Zunyi Titanium

LB GROUP

Baotai Huashen

Shengfeng Titanium

Anshan Hailiang

CITIC Jinzhou Ferroalloy

Baoji Lixing Titanium

Key Questions Answered

1. How big is the global Titanium Sponge by Mg-thermal Reduction market?
2. What is the demand of the global Titanium Sponge by Mg-thermal Reduction market?
3. What is the year over year growth of the global Titanium Sponge by Mg-thermal Reduction market?
4. What is the production and production value of the global Titanium Sponge by Mg-thermal Reduction market?
5. Who are the key producers in the global Titanium Sponge by Mg-thermal Reduction market?
6. What are the growth factors driving the market demand?

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