

# Titanium Dioxide (TiO<sub>2</sub>) – A Global Market Overview

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## Abstracts

### Report Synopsis

The several unique properties of titanium dioxide, one of which is high refractive index, has made the material invaluable in a number of applications, ranging from paints and coatings to plastics and paper, among others. Titanium dioxide also finds application in printing inks, cosmetics and personal care products, food, textiles and pharmaceuticals. The primary sources of titanium dioxide include anatase, ilmenite and rutile, with almost half of the total global titanium dioxide being obtained from ilmenite. Sulfate and chloride are the two processes by which titanium dioxide is produced commercially, of which the sulfate process is the dominant technology.

Architectural Paints & Coatings is the largest consumer of TiO<sub>2</sub> with an estimated consumption of 2.7 million metric tons in 2023, globally, while Plastics is projected to be the fastest growing application of TiO<sub>2</sub> during the analysis period 2023-2029 in terms of both volumes and value. TiO<sub>2</sub> global market is anticipated to reach 7.2 million metric tons, valued at US\$15.5 billion.

### Research Findings & Coverage

Titanium Dioxide (TiO<sub>2</sub>) global market is analyzed in this report with respect to major end-use applications, major geographic regions and key countries

Market share analysis covered for TiO<sub>2</sub> based on the segmentation mentioned above and current market size estimation (volume and value), revenue projections provided for the analysis period through 2029

The study discusses major growth trends, R&D, technology updates and emerging applications of TiO<sub>2</sub> that influence the market growth

Key business trends focusing on product innovations/developments, capacity expansions, M&As, JVs and other recent industry developments by the major players

The report includes 162 data tables covering market numbers by segment and regions with graphical representation for each table

Brief business profiles of major companies covered – 32

The industry guide includes the contact details for 108 companies

## Product Outline

The market for major applications of Titanium Dioxide (TiO<sub>2</sub>) analyzed in this report includes:

Architectural Paints & Coatings

Industrial Paints & Coatings

Paper

Plastics

Other Applications

## Analysis Period, Units and Growth Rates

The report reviews, analyzes and projects the global Titanium Dioxide (TiO<sub>2</sub>) market for the period 2020-2029 in terms of market volume in metric tons and value in US\$ and the compound annual growth rates (CAGRs) projected from 2023 through 2029

## Geographic Coverage

North America (United States, Canada and Mexico)

Europe (France, Germany, Italy, Spain, United Kingdom and Rest of Europe)

Asia-Pacific (China, India, Japan, South Korea and Rest of Asia-Pacific)

South America (Argentina, Brazil and Rest of South America)

Rest of World

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Cathay Industries (China)

Cinkarna, Metalurško Kemična Industrija Celje, D.D. (Cinkarna Celje D.D.) (Slovenia)

CNNC HUA YUAN Titanium Dioxide Co., Ltd. (China)

Cosmo Chemical Co., Ltd. (Korea)

Evonik Industries AG (Germany)

Grupa Azoty Zakłady Chemiczne 'Police' SA (Grupa Azoty Police) (Poland)

Ishihara Sangyo Kaisha, Ltd. (Japan)

Jiangsu Taibai Group Co., Ltd. (China)

Kronos Worldwide, Inc. (United States)

LB Group (China)

Meghmani Organics Limited (India)

Nanjing Titanium Dioxide Chemical Co., Ltd. (China)

Ningbo Xinfu Titanium Dioxide Co., Ltd. (China)

Shandong Doguide Group Co., Ltd. (China)

Tayca Corporation (Japan)

The Chemours Company (United States)

The National Titanium Dioxide Company Limited (Cristal) (Saudi Arabia)

Tronox Limited (United States)

Venator Materials Plc (United Kingdom)

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Aug-23

Nippon Steel Corporation and Nippon Steel Engineering Conclude a Company Split Agreement

Mar-23

Mass Balance Certification Accredited to Huntsman's European Production Facilities

Sep-22

Venator Accredited with ECO PASSPORT by OEKO-TEX®.

Mar-22

Venator Extends its Pigments Product Portfolio

Jan-22

LB Group Invests in Chemical Manufacturing Capacity in China

Sep-21

Rebranding of LB Group's Titanium Dioxide Pigments

Huntsman and KPX Chemical Establish Joint Venture

Jul-21

Lomon Billions Group Modifies Company Name, Stock Security Abbreviation, and Registered Capital

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Bluestar New Chemical Materials Co., Ltd. (China)

Cathay Industries (China)



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COSMO Chemical Co., Ltd. (South Korea)  
Guangdong Huiyun Titanium Industry Corporation Limited (China)  
Guangxi Jinmao Titanium Co., Ltd. (China)  
Ishihara Sangyo Kaisha, Ltd. (Japan)  
Jiangsu Taibai Group Co., Ltd. (China)  
Jiangxi Tikon Titanium Co., Ltd. (China)  
LB Group (China)  
Meghmani Organics Limited (India)  
Nanjing Titanium Dioxide Chemical Co., Ltd. (China)  
Ningbo Xinfu Titanium Dioxide Co., Ltd. (China)  
Pangang Group Vanadium Titanium & Resources Co., Ltd. (China)  
Panzhuhua Dongfang Titanium Industry Co., Ltd. (China)  
Shandong Doguide Group Co., Ltd. (China)  
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