

India Titanium Dioxide Market Analysis: Plant Capacity, Production, Operating Efficiency, Demand & Supply, End-User Industries, Sales Channel, Regional Demand, Company Share, Foreign Trade, FY2015-FY2032

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Abstracts

The India Titanium Dioxide market has achieved great expansion and reached approximately 66 thousand tonnes in FY2022 and is anticipated to grow at a steady CAGR of 3.97% by FY2032.

Titanium dioxide is derived from the mineral ilmenite ($\text{FeO} \cdot \text{TiO}_2$), which can be found in the metamorphic, igneous rocks and beach sands of India. India has huge reserves of ilmenite and rutile, majorly located in the coastal regions of Tamil Nadu, Andhra Pradesh, Kerala, and Odisha. Titanium Dioxide (TiO_2) is a white permanent pigment popularly used as a raw material in several downstream industries such as paints, paper, toothpaste, plastics, inks, etc. TiO_2 can be further categorized into its polymorphic forms- Anatase, Rutile, and Brookite. Of the three, only Anatase and Rutile hold commercial importance. Rutile TiO_2 is comparatively more durable and stable with efficient light scattering properties than Anatase pigments which are less durable and are commonly used in low-quality dispersion paints, self-cleaning paints, and in road marking paints. However, Rutile pigments encompass a much broader application portfolio and cover almost all paint types. Apart from paints, Anatase grade is also used in other applications such as plastics, paper, textiles, detergents, printing inks, etc. while Rutile grade is used in the plastics and printing inks sectors.

Due to its whiteness, opacity, and refractive index, Titanium Dioxide is an important component in paints & coatings. Apart from that, because of its non-toxic nature and UV absorption properties, TiO_2 is also suitable for use in cosmetics, pharmaceuticals,

toothpaste, and even in foodstuffs. As a result, TiO₂ is an important component of many sunscreen lotions and creams. Increasing demand for paints and coatings due to expanding construction industry and ongoing infrastructure developments is expected to spur the demand for Titanium Dioxide in the forecast period. The India Titanium Dioxide market is estimated to reach nearly 100 thousand tonnes in FY2032.

Based on region, the India Titanium Dioxide Market is segregated into North, South, East, and West. In the historic period of FY2015-FY2022, West India has been dominating the market. In FY2022, West India accounted for approximately 60% of the market. West India has been the frontrunner in the consumption of Titanium Dioxide for a variety of uses due to the presence of significant paints & coatings manufacturers like Asian Paints in states like Gujarat, Rajasthan, and Maharashtra.

Based on end-use, the India Titanium Dioxide market is segregated into Paints & Coatings, Plastic & Polymers, and Others. Among these Paints & Coatings is dominating the Titanium Dioxide market. This segment held roughly 60% of the Titanium Dioxide market in FY2022. Titanium dioxide is used in the paint and coatings industry to increase opacity and endurance, to assure the paint's longevity, and maintain freshness.

Domestic players in the India Titanium Dioxide market are The Kerala Minerals & Metals Limited, Travancore Titanium Products (TTP) Limited, V.V. Titanium Pigments Private Limited, and Meghmani Organics Limited (MOL). However, Global Titanium Dioxide players are The Chemours Company, Tronox Holdings Plc, Lomon Billions Group, Venator Materials Plc, KRONOS, The Louisiana Pigment Company, LP (KRONOS-Huntsman/Tioxide JV), The Kerala Minerals & Metals Limited, Indian Rare Earths Limited (IREL), and Cochin Minerals & Rutile Ltd (CMRL).

Years considered for this report:

Historical Period: FY2015-FY2022

Base Year: FY2022

Estimated Year: FY2023

Forecast Period: FY2024- FY2032

Objective of the Study:

To assess the demand-supply scenario of Titanium Dioxide which covers production, demand and supply of Titanium Dioxide market in India.

To analyse and forecast the market size of Titanium Dioxide in India.

To classify and forecast India Titanium Dioxide market based on end-use and regional distribution.

To examine competitive developments such as expansions, green field projects/ brown field expansions, mergers & acquisitions, etc., of Titanium Dioxide market in India.

To extract data for India Titanium Dioxide market, primary research surveys were conducted with Titanium Dioxide manufacturers, suppliers, distributors, wholesalers and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for India Titanium Dioxide market over the coming years.

ChemAnalyst calculated Titanium Dioxide demand in India by analyzing the historical data and demand forecast which was carried out considering the imports and domestic production coupled with demand from end user industry. ChemAnalyst sourced these values from industry experts and company representatives and externally validated through analyzing historical sales data / import data of Titanium Dioxide to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Titanium Dioxide manufacturers and other stakeholders

Organizations, forums and alliances related to Titanium Dioxide

distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Titanium Dioxide manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years, thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, India Titanium Dioxide market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by End-use: Paints & Coatings, Plastic & Polymers, and Others

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North India, South India, East India, West India

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Titanium Dioxide.

2. CAPACITY BY LOCATION

To better understand the regional supply of Titanium Dioxide by analyzing its manufacturers' location-based capacity.

3. PLANT OPERATING EFFICIENCY

To determine what percentage manufacturers are operating their plants or how much capacity is being currently used.

4. PRODUCTION BY COMPANY

Study the historical annual production of Titanium Dioxide by the leading players and forecast how it will grow in the coming years.

5. DEMAND BY END- USE

Discover which end-user industry (Paints & Coatings, Plastic & Polymers, and Others) are creating a market and the forecast for the growth of the Titanium Dioxide market.

6. DEMAND BY REGION

Analyzing the change in demand of Titanium Dioxide in different regions across India, i.e., North India, South India, East India, West India, that can direct you in mapping the regional demand.

7. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Titanium Dioxide. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

8. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of Titanium Dioxide.

9. COMPANY SHARE

Figure out what proportion of the market share of Titanium Dioxide is currently held by leading players across India.

10. COUNTRY-WISE EXPORT

Get details about quantity of Titanium Dioxide exported by major countries.

11. COUNTRY-WISE IMPORT

Get details about quantity of Titanium Dioxide imported by major countries.

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