

Global Titanium Dioxide (TiO₂) Market: Size, Trends & Forecasts (2017-2021)

September 2017



Global Titanium Dioxide Market Report

Scope of the Report

The report entitled "Global Titanium Dioxide Market: Size, Trends & Forecasts (2017-2021)", provides analysis of the global titanium dioxide market, with detailed analysis of market size and growth, and segmentation of the industry. The analysis includes the market by value, by demand volume, by supply volume and by segmentation. Regional market analysis is also provided for Asia-Pacific, Western Europe, North America and China.

Moreover, the report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall global titanium dioxide market has also been forecasted for the years 2017-2021, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Venator Materials LLC, Tronox, The Chemours Company and Kronos Worldwide are some of the key players operating in the global titanium dioxide market, whose company profiling has been done in the report. In this segment of the report, business overview, financial overview and business strategies of the companies are provided.

Company Coverage

Venator Materials LLC
Tronox
The Chemours Company
Kronos Worldwide

Regional Coverage

North America
Western Europe
China
Asia-Pacific

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Executive Summary

Titanium dioxide is most easily available form of titanium. It is also known as titania with chemical formula TiO_2 . Titanium dioxide is comprised of many properties such as density, high refractive index, ultraviolet absorbing, inert, non toxic, high melting point, etc.

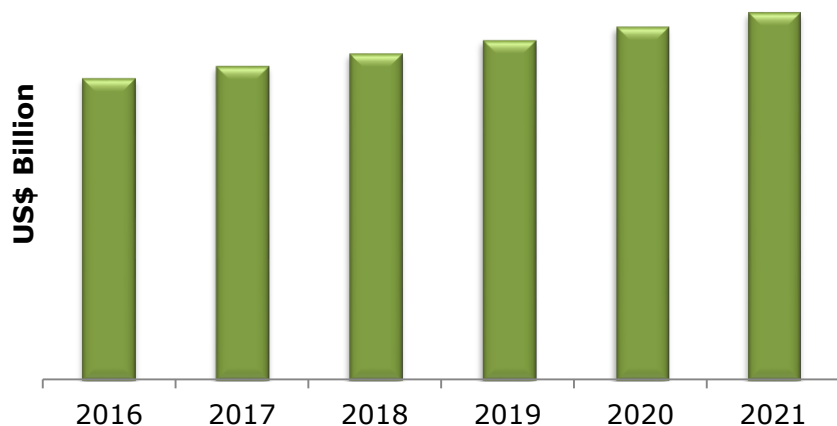
There are various applications of titanium dioxide in different industries. It is used for many purposes such as white pigments, sunscreen, photocatalyst, addition ingredient in cement and tiles, and as self cleaning ingredient. Titanium dioxide is generally prepared by two processes: chloride process and sulfate process. In chloride process, titanium dioxide is extracted from its ore after chlorinated at 1000° with carbon and chlorine gas. Whereas in sulfate process, ilmenite is treated with sulphuric acid and titanium oxygen sulfate.

There are many advantages of both production processes. In chloride process final product is superior, purer with even particle size. Whereas in sulfate process, small capacity addition, readily available raw material, easy plant operation, etc. are few advantages. There are few limitations in TiO_2 photocatalytic process like inefficient usage of visible light, aggregation of nanosized particles, low adsorption of organic pollutants, difficulty in distributing particles uniformly, etc.

The global titanium dioxide market is expected to increase at high growth rates during the forecasted period (2017-2021). The global titanium dioxide market is supported by various growth drivers, such as growing pressure on Chinese producers, increasing housing market, increasing use of TiO_2 in ceramic production, etc. Yet, the market faces certain challenges, such as, competitive pricing pressure, escalation in feedstock ore cost, etc. Few new market trends are also provided such as, increasing doped TiO_2 nanomaterial penetration, capacity expansion in major pulp-producing countries and new areas of application, etc.

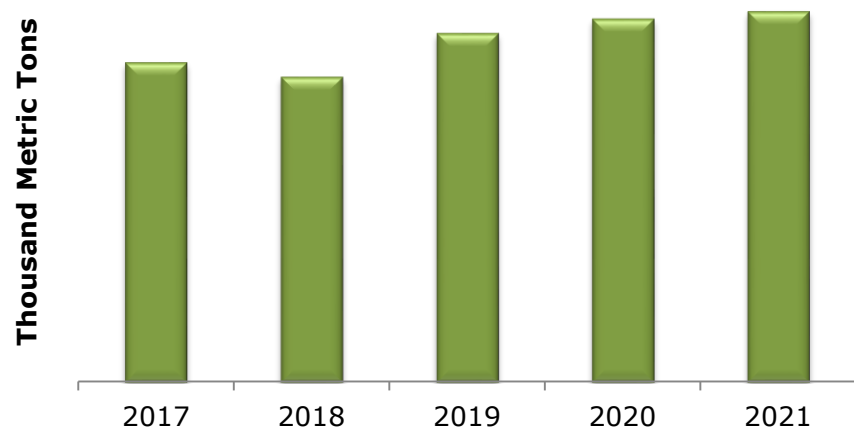
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Global TiO2 Market by Value; 2016-2021 (US\$ Billion)



The global titanium dioxide market reached to US\$... billion in 2016 and the market increased with a CAGR ...% of over the years 2017-2021. The global titanium dioxide market has increased due to the factor The global titanium dioxide market by volume is expected to reach thousand metric tons in 2016. The global titanium dioxide market is projected to reach thousand metric tons by 2021 as compared to thousand metric tons in 2017. Global titanium dioxide volume by demand was majorly found in the following countries.....

Global TiO2 Market Volume by Demand ; 2017-2021 (Thousand Metric Tons)

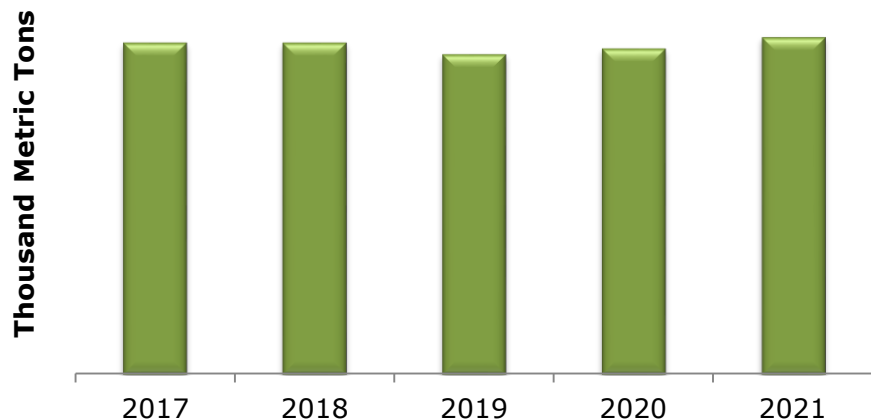


Global TiO2 Market by Region (Demand); 2016 (Percentage,%)

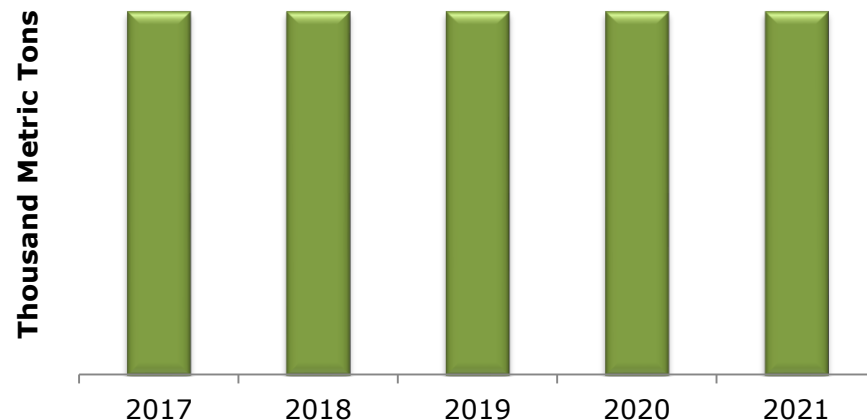


Global Titanium Dioxide Market :Regional Overview

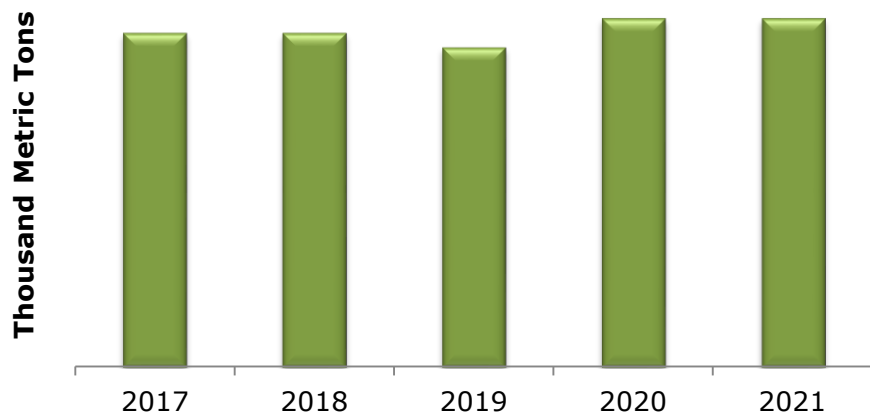
China TiO2 Market Volume by Supply; 2017-2021 (Thousand Metric Tons)



Western Europe TiO2 Market Volume by Demand; 2017-2021 (Thousand Metric Tons)



North America TiO2 Market Volume by Demand; 2017-2021 (Thousand Metric Tons)



North America titanium dioxide market by volume demand was valued Thousand metric tons in 2017, and increased to ... thousand metric tons in 2021. The China titanium dioxide market by volume demand is projected to reach.... Thousand metric tons by 2021 as compared to Thousand metric tons in 2017, representing a CAGR of ..% over the years 2017-2021. Western Europe titanium dioxide market by volume demand was valuedthousand metric tons in 2017 and reach thousand metric tons by 2021, representing a CAGR of ..% over the years 2017-2021.