

Nano Titanium Dioxide Market by Application (Paints & Coatings, Pigments, Cosmetics, Plastics, Energy and others) - Global Opportunity Analysis and Industry Forecast, 2014 - 2022

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Abstracts

Nano titanium dioxide is a chemically inert and transparent substance with many important & diversified applications in paints & coatings and cosmetics. It has average particle size of less than 100nm with good thermal & chemical stability. Due to the smaller size of particles and higher surface area, nano titanium dioxide finds practice in many sectors. It is commonly found in products such as cosmetics, paints & coatings, pigments, plastics, and many others. It also finds utilization in a series of environmental and biomedical applications, such as photocatalytic degradation of pollutants, water purification, biosensing, and drug delivery. The nano titanium dioxide market accounted for \$4,486 million in 2015 and is projected to reach \$16,682 million by 2022, registering a CAGR of 20.7% from 2016 to 2022.

The nano titanium dioxide market currently observes growth with paints & coatings and cosmetics covering more than half of the market. The product has high demand in Europe, U.S., and other emerging economies such as China, India, and others. The global nano titanium dioxide market is expected to register substantial growth in the near future, attributed to rise in demand in numerous applications and government support for research & development to find new commercial avenues. However, factors such as toxicity at a certain amount along with high cost are expected to restrain the market growth.

The report segments the nano titanium dioxide market on the basis of application and geography. On the basis of application, the market is segmented into paints & coatings, pigments, cosmetics, plastics, energy, and others. Geographic breakdown and deep analysis of each of the aforesaid applications is included for North America, Europe,

Asia-Pacific, and LAMEA.

Recent advancement related to nano titanium dioxide includes publishing of regulation by European Union to authorize nano TiO₂ for use as a UV-filter in cosmetic products at a maximum concentration of 25% w/w in July, 2016. Also, a research done by Australian scientists in July 2013, proved that storage of energy by sustainable resources is possible with the use of titanium dioxide which acted as a major boom for renewable energy sector.

Comprehensive competitive analysis and profiles of major market players such as

BASF SE

CINKARNA Celje d.d.

Cabot Corporation

CRISTAL

E. I. DU PONT DE NEMOURS AND COMPANY

Croda International Plc

EVONIK INDUSTRIES AG

Nano-Oxides, Inc.

Huntsman International LLC

Tayca Corporation

NanoScale Corporation

KEY MARKET BENEFITS:

The report provides an extensive analysis of the current as well as emerging market trends and dynamics in the global nano titanium dioxide market.

Geographically, the nano titanium dioxide market is analyzed based on various regions such as North America, Europe, Asia-Pacific, and LAMEA along with

analysis of major countries in each region.

In this study, evaluating competitive landscape and value chain is taken into account to understand the competitive environment across geographies.

The report analyses current trends and future market potential, from 2014 to 2022, in terms of revenue and volume.

Extensive analysis of the market is conducted by monitoring the top competitors within the market framework.

KEY MARKET SEGMENT:

The World Nano Titanium Dioxide Market is segmented as below:

By Application

Paints & Coatings

Pigments

Cosmetics

Plastics

Energy

Others

By Geography

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia-Pacific

China

Japan

Korea

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Rest of LAMEA

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