Global Titanium Dioxide Nanomaterials Market 2016-2020

Description: About Titanium Dioxide Nanomaterials

Since the advent of nanotechnology, titanium dioxide nanomaterials have been at the center of research because of their low price and simple production process. These nanomaterials are synthesized at various purity levels from 75% to 99.97% and with diameters ranging from 5 nanometers to 250 nanometers. Although these nanomaterials are used in the commercial and industrial sectors, most of them are produced for skin care products, where they provide protection from UV radiation.

They are also used as pigments or thickeners in many personal care products as pigments in paints and coatings, and in the production of solar cells in the energy sector. As these nanomaterials can degrade some types of pollutants, they are also being used to reduce atmospheric nitrous emissions through selective catalytic reduction systems.

The analysts forecast the global titanium dioxide nanomaterials market to grow at a CAGR of 9.42% by volume during the period 2016-2020.

Covered in this report

The report covers the present scenario and the growth prospects of the global titanium dioxide nanomaterials market for 2016-2020. In order to calculate the market size, we considered the revenue generated through sales of titanium dioxide nanoparticles for applications such as personal care products, paints and coatings, energy sector, paper and ink, and others (catalyst, production of self-cleaning ceramics, production of self-cleaning cement, and glass industry).

The market is divided into the following segments based on geography:

- Americas
- APAC
- Europe
- MEA

The report, Global Titanium Dioxide Nanomaterials Market 2016-2020, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors
- American Elements
- EPRUI Nanomaterials and Microspheres
- Reinste
- Sigma-Aldrich
- US Research Nanomaterials

Other prominent vendors
- Meliorum Technologies
- nanoComposix
- Xuancheng Jingrui
- Advanced Nano Products
- Applied Nanotech Holdings

Market drivers
- Increasing acceptance of UVA/B filters in sunscreens and sun protection cosmetics

Market challenges
- Production constraints on titanium dioxide nanosheets and nanospheres
Market trends
- Increase in penetration of doped and coated titanium dioxide nanomaterials

Key questions answered in this report
- What will the market size be in 2020 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

You can request one free hour of our analyst's time when you purchase this market report. Details are provided within the report.

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