
Description: 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
Spain
Rest of Europe
Asia-Pacific
China
Japan
Korea
Rest of Asia-Pacific
LAMEA
Brazil
South Africa
Rest of LAMEA

Contents:

CHAPTER 1 INTRODUCTION

1.1 Report description
1.2 Key Benefits
1.3 Key Market Segments
1.4 Research methodology

CHAPTER 2 EXECUTIVE SUMMARY

2.1 CXO perspective

CHAPTER 3 MARKET OVERVIEW

3.1 Market definition and scope
3.2 Key findings

3.2.1 Top Investment Pockets
3.2.2 Top winning strategy

3.3 Value chain analysis
3.4 Porters five forces analysis

3.4.1 Bargaining power of the supplier
3.4.2 Bargaining power of the buyer
3.4.3 Threat of substitute
3.4.4 Competitive rivalry
3.4.5 Threat of new entrant

3.5 Market dynamics

3.5.1 Drivers
3.5.1.1 UV-Filters in Personal Care products & Sunscreens
3.5.1.2 Approval from Regulatory Bodies
3.5.1.3 Increase in demand for passive protective coatings
3.5.1.4 Trend Towards Environmental Sustainability

3.5.2 Restraints
3.5.2.1 Toxicity at higher concentration

3.5.3 Opportunity
3.5.3.1 Expanding Paints & Coatings, Pigments, and Cosmetic Market
3.5.3.2 Increasing Disposable Income in Emerging Economies

3.6 Regulatory Framework: Nano Titanium Dioxide Market
3.6.1 NORTH AMERICA
3.6.2 EUROPE
3.6.3 AUSTRALIA

3.7 Manufacturing Process for Nano Titanium Dioxide
3.7.1 Chloride Process
3.7.2 Sulfate Process
3.7.3 Sol-Gel Process

CHAPTER 4 WORLD NANO TITANIUM DIOXIDE MARKET, BY APPLICATIONS

4.1 Introduction
4.1.1 Market size and forecast

4.2 Paints & Coatings
4.2.1 Key market trends
4.2.2 Key growth factors and opportunities
4.2.3 Market Size and Forecast

4.3 Pigments
4.3.1 Key market trends
4.3.2 Key growth factors and opportunities
4.3.3 Market Size and Forecast

4.4 Cosmetics
4.4.1 Key market trends
4.4.2 Key growth factors and opportunities
4.4.3 Market Size and Forecast

4.5 Plastics
4.5.1 Key market trends
4.5.2 Key growth factors and opportunities
4.5.3 Market Size and Forecast
4.6 Energy

4.6.1 Key market trends
4.6.2 Key growth factors and opportunities
4.6.3 Market Size and Forecast

4.7 Others

4.7.1 Key market trends
4.7.2 Key growth factors and opportunities
4.7.3 Market Size and Forecast

CHAPTER 5 WORLD NANO TITANIUM DIOXIDE MARKET, BY GEOGRAPHY

5.1 Introduction

5.1.1 Market size and forecast

5.2 North America

5.2.1 Key market trends
5.2.2 Key growth factors and opportunities
5.2.3 Market Size and Forecast
5.2.4 U.S.
5.2.5 Canada
5.2.6 Mexico

5.3 Europe

5.3.1 Key market trends
5.3.2 Key growth factors and opportunities
5.3.3 Market Size and Forecast
5.3.4 U.K.
5.3.5 Germany
5.3.6 France
5.3.7 Spain
5.3.8 Italy
5.3.9 Rest of Europe

5.4 Asia-Pacific

5.4.1 Key market trends
5.4.2 Key growth factors and opportunities
5.4.3 Market Size and Forecast
5.4.4 China
5.4.5 Japan
5.4.6 Korea
5.4.7 Rest of Asia-Pacific

5.5 LAMEA

5.5.1 Key market trends
5.5.2 Key growth factors and opportunities
5.5.3 Market Size and Forecast
5.5.4 Brazil
5.5.5 South Africa
5.5.6 Rest of LAMEA

CHAPTER 6 COMPANY PROFILE

6.1 BASF SE

6.1.1 Company Overview
6.1.2 Company Snapshot  
6.1.3 Operating Business Segments  
6.1.4 Business Performance  

6.2 Cabot Corporation  
6.2.1 Company overview  
6.2.2 Company snapshot  
6.2.3 Operating Business Segments  
6.2.4 Business performance  
6.2.5 Strategic Moves and Developments:  

6.3 CINKARNA Celje d.d.  
6.3.1 Company Overview  
6.3.2 Company Snapshot  
6.3.3 Operating Business Segments  
6.3.4 Business Performance  
6.3.5 Key Strategic Moves and Developments  

6.4 CRISTAL  
6.4.1 Company Overview  
6.4.2 Company Snapshot  
6.4.3 Operating Business Segments  
6.4.4 Key Strategic Moves and Developments  

6.5 Croda International Plc  
6.5.1 Company Overview  
6.5.2 Company Snapshot  
6.5.3 Operating Business Segments  
6.5.4 Business Performance  
6.5.5 Key Strategic Moves and Developments  

6.6 E. I. DU PONT DE NEMOURS AND COMPANY  
6.6.1 Company Overview  
6.6.2 Company Snapshot  
6.6.3 Operating Business Segments  
6.6.4 Business Performance  
6.6.5 Key Strategic Moves and Developments  

6.7 EVONIK INDUSTRIES AG  
6.7.1 Company Overview  
6.7.2 Company Snapshot  
6.7.3 Operating Business Segments  
6.7.4 Business Performance  
6.7.5 Key Strategic Moves and Developments  

6.8 Huntsman International LLC  
6.8.1 Company Overview  
6.8.2 Company Snapshot  
6.8.3 Operating Business Segments  
6.8.4 Business Performance  
6.8.5 Key Strategic Moves and Developments  

6.9 Nano-Oxides, Inc.  
6.9.1 Company Overview  
6.9.2 Company Snapshot
6.9.3 Operating Business Segments
6.9.4 Key Strategic Moves and Developments

6.10 NanoScale Corporation
6.10.1 Company Overview
6.10.2 Company Snapshot
6.10.3 Operating Business Segments
6.10.4 Key Strategic Moves and Developments

6.11 Tayca Corporation
6.11.1 Company Overview
6.11.2 Company Snapshot
6.11.3 Operating Business Segments
6.11.4 Business Performance
6.11.5 Key Strategic Moves and Developments


Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Web Address: http://www.researchandmarkets.com/reports/3934610/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) -</td>
<td></td>
<td>USD 4290</td>
</tr>
<tr>
<td>Single User:</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>[ ]</td>
<td>USD 4740</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>[ ]</td>
<td>USD 5550</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World