

# Nanomaterials - Global Market Outlook (2016-2022)

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## Abstracts

According to Statistics MRC, the Global Nanomaterials Market accounted for \$4.79 billion in 2015 and is expected to reach \$19.83 billion by 2022 growing at a CAGR of 22.5% from 2015 to 2022. The nanomaterials market is favoured by the governmental funding to support the prospective growth. The increasing applications of nanotechnology across various verticals and advent of novel methods for nanostructures fabrication are offering lucrative opportunities for vendors in the market. Partnerships & strategic alliances by existing players, growing number of players operating in the market and newer material developments are further fueling the market. However, rising environmental concerns and toxicity of nanomaterials have a negative impact on the market.

North America commanded the market followed by Europe, due to increased usage of nanomaterials in healthcare and electronics industries in the region. Significant growth of nanomaterials was observed in the Asia pacific during last couple of years owing to favourable government initiatives, continued environmental awareness and rise in demand for specialty materials. Biofuels, drug delivery and Field lamination display (FED) are likely to be the potential applications of nanomaterials in near future. Players with innovation capacity are expected to command the market in future.

Some of the key players in the market are Showa Denko, Nanocyl SA, Kuraray, Hyperion, Catalysis International Inc., Hollingsworth & Vose, Finetex, Elmarco, DuPont, CNano Technology Ltd., Bayer AG, Arkema and Ahlstrom.

## Applications Covered:

Transportation

Packaging

Health Care

Therapeutic Agents

Drug Delivery Systems

Pharmaceuticals

Other Health Care Applications

Energy

Electrical and Electronics

Displays

Semiconductors

Other Electronics Applications

Consumer Goods

Construction

Flooring

Paints & Coatings

Glass

Other Construction Applications

Aerospace & Defense

Other Applications

Textiles

Personal Care Products

Machinery

Motor Vehicles

Water Filtration

Solar cells

Sports equipment & materials

### **Applications Covered:**

Non-Polymer Organic Nanomaterials

Carbon Black

Carbon Nanotubes Composites

Carbon Nanotubes

Activated Carbon

Aptamers

Small Molecule OLED

Polymeric Nanomaterials

Coatings and Adhesives

OLED Films

Transfection Reagents

Dielectric Films

Diagnostic Reagents

Nanoporous Filtration Membrane

Drug Delivery Vehicles

Optical Coatings

Fabric Treatments

Metals

Simple Oxides

Complex Oxide

Rare Earth Metal Oxide

Calcium Phosphate

Clays

Silica Hydride

Lithium Titanate

Silica Hydride

Semiconductors

Non-Classified Nanomaterials

Metal Oxides

Silica

Iron Oxide

Aluminum Oxide/Hydroxide

Zinc Oxide

Titanium Dioxide

Other Metal Oxides

Nanotubes

Single-Wall Nanotubes

Multi-Wall Nanotubes

Chemicals & Polymers

Liposomes

Nanopharmaceuticals

Other Chemicals & Polymers

Nanowires

Nanoclays

Quantum Dots

Other Nanomaterials

Fullerenes

Graphene

Minerals & Ceramics

Dendrimers

## **Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

France

Italy

UK

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

Rest of the World

Middle East

Brazil

Argentina

South Africa

Egypt

**What our report offers:**

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 Product Analysis
- 3.8 Emerging Markets

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL NANOMATERIALS MARKET, BY APPLICATION**



- 5.1 Introduction
- 5.2 Transportation
- 5.3 Packaging
- 5.4 Health Care
  - 5.4.1 Therapeutic Agents
  - 5.4.2 Drug Delivery Systems
  - 5.4.3 Pharmaceuticals
  - 5.4.4 Other Health Care Applications
- 5.5 Energy
- 5.6 Electrical and Electronics
  - 5.6.1 Displays
  - 5.6.2 Semiconductors
  - 5.6.3 Other Electronics Applications
- 5.7 Consumer Goods
- 5.8 Construction
  - 5.8.1 Flooring
  - 5.8.2 Paints & Coatings
  - 5.8.3 Glass
  - 5.8.4 Other Construction Applications
- 5.9 Aerospace & Defense
- 5.10 Other Applications
  - 5.10.1 Textiles
  - 5.10.2 Personal Care Products
  - 5.10.3 Machinery
  - 5.10.4 Motor Vehicles
  - 5.10.5 Water Filtration
  - 5.10.6 Solar cells
  - 5.10.7 Sports equipment & materials

## **6 GLOBAL NANOMATERIALS MARKET, BY PRODUCT**

- 6.1 Introduction
- 6.2 Non-Polymer Organic Nanomaterials
  - 6.2.1 Carbon Black
  - 6.2.2 Carbon Nanotubes Composites
  - 6.2.3 Carbon Nanotubes
  - 6.2.4 Activated Carbon
  - 6.2.5 Aptamers

- 6.2.6 Small Molecule OLED
- 6.3 Polymeric Nanomaterials
  - 6.3.1 Coatings and Adhesives
  - 6.3.2 OLED Films
  - 6.3.3 Transfection Reagents
  - 6.3.4 Dielectric Films
  - 6.3.5 Diagnostic Reagents
  - 6.3.6 Nanoporous Filtration Membrane
  - 6.3.7 Drug Delivery Vehicles
  - 6.3.8 Optical Coatings
  - 6.3.9 Fabric Treatments
- 6.4 Metals
- 6.5 Simple Oxides
- 6.6 Complex Oxide
  - 6.6.1 Rare Earth Metal Oxide
  - 6.6.2 Calcium Phosphate
  - 6.6.3 Clays
  - 6.6.4 Silica Hydride
  - 6.6.5 Lithium Titanate
  - 6.6.6 Silica Hydride
- 6.7 Semiconductors
- 6.8 Non-Classified Nanomaterials
- 6.9 Metal Oxides
  - 6.9.1 Silica
  - 6.9.2 Iron Oxide
  - 6.9.3 Aluminum Oxide/Hydroxide
  - 6.9.4 Zinc Oxide
  - 6.9.5 Titanium Dioxide
  - 6.9.6 Other Metal Oxides
- 6.10 Nanotubes
  - 6.10.1 Single-Wall Nanotubes
  - 6.10.2 Multi-Wall Nanotubes
- 6.11 Chemicals & Polymers
  - 6.11.1 Liposomes
  - 6.11.2 Nanopharmaceuticals
  - 6.11.3 Other Chemicals & Polymers
- 6.12 Nanowires
- 6.13 Nanoclays
- 6.14 Quantum Dots

## 6.15 Other Nanomaterials

### 6.15.1 Fullerenes

### 6.15.2 Graphene

### 6.15.3 Minerals & Ceramics

### 6.15.4 Dendrimers

## 7 GLOBAL NANOMATERIALS MARKET, BY GEOGRAPHY

### 7.1 North America

#### 7.1.1 US

#### 7.1.2 Canada

#### 7.1.3 Mexico

### 7.2 Europe

#### 7.2.1 Germany

#### 7.2.2 France

#### 7.2.3 Italy

#### 7.2.4 UK

#### 7.2.5 Spain

#### 7.2.7 Rest of Europe

### 7.3 Asia Pacific

#### 7.3.1 Japan

#### 7.3.2 China

#### 7.3.3 India

#### 7.3.4 Australia

#### 7.3.5 New Zealand

#### 7.3.7 Rest of Asia Pacific

### 7.4 Rest of the World

#### 7.4.1 Middle East

#### 7.4.2 Brazil

#### 7.4.3 Argentina

#### 7.4.4 South Africa

#### 7.4.5 Egypt

## 8 KEY DEVELOPMENTS

### 8.1 Agreements, Partnerships, Collaborations and Joint Ventures

### 8.2 Acquisitions & Mergers

### 8.3 New Product Launch

### 8.4 Expansions

## 8.5 Other Key Strategies

## 9 COMPANY PROFILING

9.1 Showa Denko

9.2 Nanocyl SA

9.3 Kuraray

9.4 Hyperion Catalysis International Inc.

9.5 Hollingsworth & Vose

9.6 Finetex

9.7 Elmarco

9.9 DuPont

9.9 CNano Technology Ltd.

9.10 Bayer AG

9.11 Arkema

9.12 Ahlstrom

## List Of Tables

### LIST OF TABLES

Table 1 Global Nanomaterials Market Outlook, By Region (2013-2022) (\$MN)

Table 2 Global Nanomaterials Market Outlook, By Application (2013-2022) (\$MN)

Table 3 Global Nanomaterials Market Outlook, By Transportation (2013-2022) (\$MN)

Table 4 Global Nanomaterials Market Outlook, By Packaging (2013-2022) (\$MN)

Table 5 Global Nanomaterials Market Outlook, By Health Care (2013-2022) (\$MN)

Table 6 Global Nanomaterials Market Outlook, By Therapeutic Agents (2013-2022) (\$MN)

Table 7 Global Nanomaterials Market Outlook, By Drug Delivery Systems (2013-2022) (\$MN)

Table 8 Global Nanomaterials Market Outlook, By Pharmaceuticals (2013-2022) (\$MN)

Table 9 Global Nanomaterials Market Outlook, By Other Health Care Applications (2013-2022) (\$MN)

Table 10 Global Nanomaterials Market Outlook, By Energy (2013-2022) (\$MN)

Table 11 Global Nanomaterials Market Outlook, By Electrical and Electronics (2013-2022) (\$MN)

Table 12 Global Nanomaterials Market Outlook, By Displays (2013-2022) (\$MN)

Table 13 Global Nanomaterials Market Outlook, By Semiconductors (2013-2022) (\$MN)

Table 14 Global Nanomaterials Market Outlook, By Other Electronics Applications (2013-2022) (\$MN)

Table 15 Global Nanomaterials Market Outlook, By Consumer Goods (2013-2022) (\$MN)

Table 16 Global Nanomaterials Market Outlook, By Construction (2013-2022) (\$MN)

Table 17 Global Nanomaterials Market Outlook, By Flooring (2013-2022) (\$MN)

Table 18 Global Nanomaterials Market Outlook, By Paints & Coatings (2013-2022) (\$MN)

Table 19 Global Nanomaterials Market Outlook, By Glass (2013-2022) (\$MN)

Table 20 Global Nanomaterials Market Outlook, By Other Construction Applications (2013-2022) (\$MN)

Table 21 Global Nanomaterials Market Outlook, By Aerospace & Defense (2013-2022) (\$MN)

Table 22 Global Nanomaterials Market Outlook, By Other Applications (2013-2022) (\$MN)

Table 23 Global Nanomaterials Market Outlook, By Textiles (2013-2022) (\$MN)

Table 24 Global Nanomaterials Market Outlook, By Personal Care Products (2013-2022) (\$MN)

Table 25 Global Nanomaterials Market Outlook, By Machinery (2013-2022) (\$MN)

Table 26 Global Nanomaterials Market Outlook, By Motor Vehicles (2013-2022) (\$MN)

Table 27 Global Nanomaterials Market Outlook, By Water Filtration (2013-2022) (\$MN)

Table 28 Global Nanomaterials Market Outlook, By Solar cells (2013-2022) (\$MN)

Table 29 Global Nanomaterials Market Outlook, By Sports equipment & materials (2013-2022) (\$MN)

Table 30 Global Nanomaterials Market Outlook, By Product (2013-2022) (\$MN)

Table 31 Global Nanomaterials Market Outlook, By Non-Polymer Organic Nanomaterials (2013-2022) (\$MN)

Table 32 Global Nanomaterials Market Outlook, By Carbon Black (2013-2022) (\$MN)

Table 33 Global Nanomaterials Market Outlook, By Carbon Nanotubes Composites (2013-2022) (\$MN)

Table 34 Global Nanomaterials Market Outlook, By Carbon Nanotubes (2013-2022) (\$MN)

Table 35 Global Nanomaterials Market Outlook, By Activated Carbon (2013-2022) (\$MN)

Table 36 Global Nanomaterials Market Outlook, By Aptamers (2013-2022) (\$MN)

Table 37 Global Nanomaterials Market Outlook, By Small Molecule OLED (2013-2022) (\$MN)

Table 38 Global Nanomaterials Market Outlook, By Polymeric Nanomaterials (2013-2022) (\$MN)

Table 39 Global Nanomaterials Market Outlook, By Coatings and Adhesives (2013-2022) (\$MN)

Table 40 Global Nanomaterials Market Outlook, By OLED Films (2013-2022) (\$MN)

Table 41 Global Nanomaterials Market Outlook, By Transfection Reagents (2013-2022) (\$MN)

Table 42 Global Nanomaterials Market Outlook, By Dielectric Films (2013-2022) (\$MN)

Table 43 Global Nanomaterials Market Outlook, By Diagnostic Reagents (2013-2022) (\$MN)

Table 44 Global Nanomaterials Market Outlook, By Nanoporous Filtration Membrane (2013-2022) (\$MN)

Table 45 Global Nanomaterials Market Outlook, By Drug Delivery Vehicles (2013-2022) (\$MN)

Table 46 Global Nanomaterials Market Outlook, By Optical Coatings (2013-2022) (\$MN)

Table 47 Global Nanomaterials Market Outlook, By Fabric Treatments (2013-2022) (\$MN)

Table 48 Global Nanomaterials Market Outlook, By Metals (2013-2022) (\$MN)

Table 49 Global Nanomaterials Market Outlook, By Simple Oxides (2013-2022) (\$MN)

Table 50 Global Nanomaterials Market Outlook, By Complex Oxide (2013-2022) (\$MN)

Table 51 Global Nanomaterials Market Outlook, By Rare Earth Metal Oxide (2013-2022) (\$MN)

Table 52 Global Nanomaterials Market Outlook, By Calcium Phosphate (2013-2022) (\$MN)

Table 53 Global Nanomaterials Market Outlook, By Clays (2013-2022) (\$MN)

Table 54 Global Nanomaterials Market Outlook, By Silica Hydride (2013-2022) (\$MN)

Table 55 Global Nanomaterials Market Outlook, By Lithium Titanate (2013-2022) (\$MN)

Table 56 Global Nanomaterials Market Outlook, By Silica Hydride (2013-2022) (\$MN)

Table 57 Global Nanomaterials Market Outlook, By Semiconductors (2013-2022) (\$MN)

Table 58 Global Nanomaterials Market Outlook, By Non-Classified Nanomaterials (2013-2022) (\$MN)

Table 59 Global Nanomaterials Market Outlook, By Metal Oxides (2013-2022) (\$MN)

Table 60 Global Nanomaterials Market Outlook, By Silica (2013-2022) (\$MN)

Table 61 Global Nanomaterials Market Outlook, By Iron Oxide (2013-2022) (\$MN)

Table 62 Global Nanomaterials Market Outlook, By Aluminum Oxide/Hydroxide (2013-2022) (\$MN)

Table 63 Global Nanomaterials Market Outlook, By Zinc Oxide (2013-2022) (\$MN)

Table 64 Global Nanomaterials Market Outlook, By Titanium Dioxide (2013-2022) (\$MN)

Table 65 Global Nanomaterials Market Outlook, By Other Metal Oxides (2013-2022) (\$MN)

Table 66 Global Nanomaterials Market Outlook, By Nanotubes (2013-2022) (\$MN)

Table 67 Global Nanomaterials Market Outlook, By Single-Wall Nanotubes (2013-2022) (\$MN)

Table 68 Global Nanomaterials Market Outlook, By Multi-Wall Nanotubes (2013-2022) (\$MN)

Table 69 Global Nanomaterials Market Outlook, By Chemicals & Polymers (2013-2022) (\$MN)

Table 70 Global Nanomaterials Market Outlook, By Liposomes

Table

Table (2013-2022) (\$MN)

Table 71 Global Nanomaterials Market Outlook, By Nanopharmaceuticals (2013-2022) (\$MN)

Table 72 Global Nanomaterials Market Outlook, By Other Chemicals & Polymers (2013-2022) (\$MN)

Table 73 Global Nanomaterials Market Outlook, By Nanowires (2013-2022) (\$MN)

Table 74 Global Nanomaterials Market Outlook, By Nanoclays (2013-2022) (\$MN)

Table 75 Global Nanomaterials Market Outlook, By Quantum Dots (2013-2022) (\$MN)

Table 76 Global Nanomaterials Market Outlook, By Other Nanomaterials (2013-2022)

(\$MN)

Table 77 Global Nanomaterials Market Outlook, By Fullerenes (2013-2022) (\$MN)

Table 78 Global Nanomaterials Market Outlook, By Graphene (2013-2022) (\$MN)

Table 79 Global Nanomaterials Market Outlook, By Minerals & Ceramics (2013-2022)

(\$MN)

Table 80 Global Nanomaterials Market Outlook, By Dendrimers (2013-2022) (\$MN)

Table 81 North America Nanomaterials Market Outlook, By Country (2013-2022) (\$MN)

Note: Tables for North America, Europe, APAC and RoW Regions are also represented in the same manner as above



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