

Nanomaterials - Global Market Outlook (2016-2022)

<https://marketpublishers.com/r/NBC2FEDC149EN.html>

Date: October 2016

Pages: 130

Price: US\$ 4,150.00 (Single User License)

ID: NBC2FEDC149EN

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

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