

Smart Materials Applications - Global Market Outlook (2015-2022)

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Abstracts

According to Statistics MRC, the Global Smart Materials Market is accounted for \$34.20 billion in 2015 and is expected to reach \$80.21 billion by 2022 growing at a CAGR of 12.9% during the forecast period. High convenience aspect of the smart materials, increase in demand of the smart materials from the construction industry are the key factors driving the market growth. On other hand, growing concerns regarding the impact of smart materials on the environment is hindering the market. Smart packaging in consumer goods is one of the major trends that can be seen in the smart materials market. Growing number of end user applications provide ample opportunities for the smart materials market.

The actuators and motors segment held a share of more than 50% in the global smart materials market. North America dominated the global market in 2015 accounting for more than 30% of the revenue. Asia Pacific will experience the highest growth in the coming few years due to the increasing demand for smart materials from its end-user industries. In contrast regions such as Middle East, Brazil, Argentina, South Africa and Egypt has the least share.

Some of the key players in the market include Nikon Corp., CTS Corporation, Channel Technologies Group, LLC., LORD Corporation, NOLIAC A/S, CeramTec GmbH, APC International, Ltd., Wright Medical Group, Inc., Kyocera Corporation, Advanced Cerametrics, Inc., TDK Corporation, Artificial Muscle, Inc. (AMI), AMM Technologies, Metglas Inc and Aerofit Inc.

Applications Covered:

Mechanical structures

Energy harvesting devices

Transducers

Structural materials

Sensors

Sports & leisure

Actuators & motors

Others

Product Type Covered:

Magnetostrictive materials

Smart fluids

Piezo-electric materials

Thermally responsive materials

Smart hydrogels

Biomimetic materials

Shape memory materials

Halochromic materials

Others

End-User Covered:

Healthcare

Food and Agriculture

Transportation

Construction

Infrastructure

Leisure and sports

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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