

Global Next-Generation Active Materials Market

Market Research Report | 2026-01-29 | 92 pages | BCC Research

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Report description:

Description

Report Scope

This report analyzes the global market for next-generation active materials, segmenting it by material, end use and region. These market segments are analyzed at the global and regional levels. The base year for this analysis is 2024 and market estimates and forecasts are given from 2025 through 2030. The market estimates are provided in terms of revenue (\$ million).

Based on material, the market is segmented into:

- Smart polymers.
- Oxygen scavengers.
- Self-healing materials.
- Piezoelectric materials.
- Electrochromic materials.
- Graphene.
- Perovskite materials.
- Solid-state electrolytes.
- Others (including ferroelectric, thermoelectric and anti-corrosion active materials).

Based on end use, the market is segmented into:

- Healthcare.
- Automotive.
- Electronics and semiconductors.
- Chemical and industrial.
- Construction and infrastructure.
- Energy and power.
- Aerospace and defense.

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- Others (including textile, packaging and personal care).

Based on region, the market is segmented into:

- North America.
- Europe.
- Asia-Pacific.
- Rest of the World.

Report Includes

- An overview and analysis of the global next generation active materials market
- Analyses of global market trends, with revenue data for 2024, estimates for 2025, forecast for 2029 and projections of CAGRs through 2030
- Estimates of the current market size and revenue growth prospects, accompanied by a market share analysis by material type, end-use industry and region
- Facts and figures pertaining to market dynamics, including key drivers, challenges, opportunities and industry trends influencing market growth
- Insights derived from Porter's Five Forces analysis, along with an overview of the global supply chain structure
- Discussion of current and emerging technologies, including AI and machine learning enabled smart materials and multifunctional material systems
- Analysis of the competitive landscape, including companies' market shares, strategic initiatives and positioning of key market participants
- Profiles of the leading global companies

Executive Summary

Summary:

This report provides an in-depth analysis of the global market for next-generation active materials. It includes technological, economic and business evaluations of the industry and provides forecasts for global market growth. The report examines key drivers, emerging trends and technologies, and significant players and provides market estimates through 2030.

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GREATCELL SOLAR MATERIALS
KYOCERA CORP.
NANOXPLORE INC.
OXFORD PHOTOVOLTAICS LTD.
UNIVERSAL MATTER INC.

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