

Global Sustained Release Coatings Market Size Study & Forecast, by Substrate, Application, Polymer Material, and Regional Forecasts 2025–2035

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Abstracts

The Global Sustained Release Coatings Market is valued at approximately USD 0.67 billion in 2024 and is poised to witness a strong compound annual growth rate (CAGR) of 7.30% over the forecast period 2025–2035. Sustained release coatings have emerged as a pivotal innovation in the pharmaceutical industry, meticulously designed to control the release profile of active pharmaceutical ingredients (APIs). These coatings play a critical role in enhancing patient compliance, ensuring therapeutic efficacy, and reducing dosing frequency, thereby contributing to better clinical outcomes. The burgeoning demand for advanced drug delivery systems, particularly in chronic disease management, continues to underpin the rising adoption of sustained release coatings across global healthcare ecosystems.

A significant uptick in the prevalence of chronic ailments such as cardiovascular disorders, diabetes, and neurological conditions has amplified the demand for long-acting formulations. This shift has accelerated pharmaceutical companies' focus toward the development of modified-release drug delivery mechanisms, fueling the growth of the sustained release coatings market. Furthermore, evolving polymer sciences and continuous innovations in coating technologies—such as aqueous-based formulations and microencapsulation—are opening new avenues for next-generation therapeutics. The growing preference for once-daily or extended-release dosing, especially among aging populations, is also reinforcing the commercial attractiveness of these coatings in both developed and emerging markets.

Regionally, North America commands a dominant market position, driven by a highly developed pharmaceutical landscape, robust R&D infrastructure, and strong regulatory frameworks encouraging innovation in drug formulation technologies. Europe closely

follows, owing to its consistent investments in biopharmaceutical research and its aging demographic structure which favors advanced dosage forms. Meanwhile, the Asia Pacific region is poised for the fastest growth during the forecast timeline, supported by a surge in generic drug production, improving healthcare access, and increasing local investments in pharmaceutical manufacturing capabilities across nations such as India, China, and South Korea. Latin America and the Middle East & Africa are gradually joining the trend, backed by rising healthcare expenditures and growing awareness regarding long-acting drug delivery systems.

Major market player included in this report are:

BASF SE

Evonik Industries AG

Colorcon Inc.

DuPont de Nemours Inc.

Ashland Inc.

The Lubrizol Corporation

Coating Place Inc.

Kerry Group PLC

Merck KGaA

Corel Pharma Chem

Eastman Chemical Company

SEPPIC (Air Liquide)

Croda International Plc.

Roquette Freres

Biogrund GmbH

Global Sustained Release Coatings Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Substrate:

Tablets

Capsules

Pills

By Application:

In Vitro

In Vivo

By Polymer Material:

Ethyl Cellulose

Polyvinyl Alcohol

Methacrylic Acid Copolymers

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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