

# Global Specialty Super Absorbent Polymer Market Size Study & Forecast, by Type, Material, End-User Industry, and Regional Forecasts 2025–2035

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## Abstracts

The Global Specialty Super Absorbent Polymer Market is currently valued at approximately USD 9.00 billion in 2024 and is projected to expand at a robust CAGR of 9.40% over the forecast period from 2025 to 2035. Specialty super absorbent polymers (SAPs), known for their ability to absorb and retain large volumes of liquid relative to their mass, have revolutionized applications across various sectors, particularly in personal hygiene and agriculture. These polymers—primarily composed of sodium polyacrylate or copolymers of polyacrylate/polyacrylamide—are becoming indispensable due to their superior water retention capacity and versatility in formulation. As global awareness grows around hygiene standards, especially post-pandemic, the integration of SAPs in diapers, sanitary napkins, and adult incontinence products has surged dramatically. In parallel, the agriculture industry is capitalizing on SAPs for moisture control in drought-prone areas, enhancing crop resilience and productivity.

The market's momentum is being significantly reinforced by rising demands in developing nations, where improving living standards are increasing the consumption of hygiene products. Furthermore, advancements in bio-based SAPs are catering to the sustainability mandates from both consumers and regulatory bodies. With personal hygiene products transitioning towards more skin-friendly and biodegradable components, SAP manufacturers are innovating high-performance materials with reduced environmental impact. Simultaneously, ongoing R&D efforts are working to optimize SAP performance under saline and alkaline conditions—key to expanding their scope across horticulture, medical waste control, and even flood mitigation.

Regionally, North America commands a major stake in the global specialty SAP market, primarily due to its mature personal care industry and sophisticated agricultural

practices. The U.S., in particular, continues to be a hub for innovation in polymer science and holds a dense concentration of global SAP manufacturers. Europe follows closely, driven by strong consumer demand for sustainable products and stringent regulations promoting environmentally friendly alternatives. Meanwhile, the Asia Pacific region is poised to experience the fastest growth during the forecast period, with countries such as China and India investing heavily in water-saving technologies in agriculture and witnessing exponential growth in hygiene-related consumption. Growing birth rates, increased awareness around sanitation, and government-led hygiene initiatives are nurturing a thriving landscape for specialty SAPs in the region.

Major market players included in this report are:

BASF SE

Nippon Shokubai Co., Ltd.

Evonik Industries AG

LG Chem

Sumitomo Seika Chemicals Co., Ltd.

SDP Global Co., Ltd.

Yixing Danson Technology

Zhejiang Satellite Petrochemical Co., Ltd.

Formosa Plastics Corporation

Kao Corporation

Mitsubishi Chemical Corporation

SNF Floerger

Chase Corporation

Shandong Nuor Biological Technology Co., Ltd.

Chemtex Specialty Limited

Global Specialty Super Absorbent Polymer 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 Type:

Sodium Polyacrylate

Polyacrylate/Polyacrylamide Copolymer

By Material:

Acrylic Acid-Based SAP

Polyacrylamide-Based SAP

By End-User Industry:

Personal Hygiene

Agriculture & Horticulture

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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