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Superabsorbent Polymers - A Global Market Overview

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Abstracts

Global Superabsorbent Polymers Market Trends and Outlook

The global Superabsorbent Polymers (SAPs) market is a critical segment of the specialty chemicals industry, encompassing highly absorbent materials capable of retaining large quantities of liquid relative to their own mass. SAPs are widely utilized in baby diapers, adult incontinence products, feminine hygiene products, agriculture & horticulture, and other specialty applications. The market was valued at approximately US$10.4 billion in 2025 and is projected to reach US$14.5 billion by 2032, registering a CAGR of 4.8% during the forecast period.

Market growth is primarily driven by increasing demand for hygiene products worldwide, particularly baby diapers and adult incontinence products, which collectively account for the majority of SAP consumption. Rising population levels, improving living standards, growing awareness regarding personal hygiene, and increasing healthcare expenditure continue to support long-term market expansion. In addition, growing adoption of water-retention technologies in agriculture and horticulture is creating new opportunities for SAP manufacturers across both developed and emerging economies.

Asia-Pacific represents the largest and fastest-growing regional market, supported by large consumer populations, urbanization, and expanding disposable incomes. Sodium Polyacrylate remains the dominant polymer type due to its superior absorbency characteristics and extensive use across hygiene applications. Looking ahead, technological advancements, product performance improvements, sustainability initiatives, and expanding applications beyond traditional hygiene products are expected to support continued growth of the global SAPs industry through 2032.

Superabsorbent Polymers Regional Market Analysis

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Asia-Pacific accounted for the largest regional share at 33% in 2025, supported by strong consumption of baby diapers, feminine hygiene products, and increasing adoption of absorbent materials across emerging economies, while Europe followed closely. Asia-Pacific is also expected to remain the fastest-growing regional market, expanding at a 5.6% CAGR, driven by rising population, urbanization, and improving hygiene awareness, whereas the Rest of World region follows with a 5% CAGR. By 2032, Asia-Pacific is expected to strengthen its market position, increasing its share to 35%, while Europe and North America witness relatively moderate growth compared to emerging markets.

Superabsorbent Polymers Market Analysis by Type

Sodium Polyacrylate dominated the market with a commanding 74% share in 2025, reflecting its widespread use in baby diapers, adult incontinence products, and feminine hygiene applications due to its superior liquid absorption capabilities. Sodium Polyacrylate is also projected to be the fastest-growing polymer type, expanding at a 5% CAGR, reaching US$10.9 billion by 2032. In contrast, Other SAPs are expected to witness comparatively slower growth, resulting in a gradual decline in share, highlighting the continued preference for Sodium Polyacrylate-based products across major end-use applications.

Superabsorbent Polymers Market Analysis by Application

Baby Diapers remained the dominant application segment, accounting for 75.5% of the global market in 2025, driven by its extensive consumption of SAP materials for enhanced absorbency and leakage protection, while Adult Incontinence Products ranked as the second-largest application. The Agriculture & Horticulture segment is expected to be the fastest-growing application, registering a 5.3% CAGR, supported by increasing adoption of water-retention technologies and sustainable farming practices, while Baby Diapers follows closely. By 2032, Baby Diapers are projected to further strengthen their leadership position, reaching US$11 billion.

Superabsorbent Polymers Market Report Scope

This global report on Superabsorbent Polymers analyzes the market based on product type and application for the period 2022-2032 with projections from 2025 to 2032 in terms of value in US$. In addition to providing profiles of major companies operating in the Superabsorbent Polymers industry, the latest corporate, product and industrial developments have been covered to offer a clear panorama of Superabsorbent

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Polymers industry.

Key Metrics

Historical Period: 2022-2025
Base Year: 2025
Forecast Period: 2025-2032
Units: Value market in US$
Companies Mentioned: 35+

Global Superabsorbent Polymers Market by Geographic Region

North America (The United States, Canada and Mexico)

Europe (France, Germany, Italy, Russia, Spain, The United Kingdom and Rest of Europe)

Asia-Pacific (Australia, China, India, Japan, South Korea and Rest of Asia-Pacific)

South America (Argentina, Brazil and Rest of South America)

Rest of World

Global Superabsorbent Polymers Market by Type

Polyacrylamide Copolymer

Sodium Polyacrylate

Others

Global Superabsorbent Polymers Market by Application

Adult Incontinence Products

Agriculture & Horticulture

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Baby Diapers

Feminine Hygiene Products

Other Applications

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Archer Daniels Midland Company (The United States)
BASF SE (Germany)
BASF-YPC Company Limited (China)
Formosa Plastics Corporation (Taiwan)

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Kao Corporation (Japan)
LG Chem Ltd (South Korea)
Mitsubishi Chemical Corporation (Japan)
Nippon Shokubai Co Ltd (Japan)
SNF S.A.S. (France)
Sanyo Chemical Industries Ltd (Japan)
Shandong Haoyue New Materials Co Ltd (China)
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