

Global Paper Strengthening Reagents Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GFE8DF7625DDEN.html>

Date: January 2026

Pages: 155

Price: US\$ 3,480.00 (Single User License)

ID: GFE8DF7625DDEN

Abstracts

According to our (Global Info Research) latest study, the global Paper Strengthening Reagents market size was valued at US\$ 620 million in 2025 and is forecast to a readjusted size of US\$ 1045 million by 2032 with a CAGR of 7.8% during review period.

Paper strengthening agents are chemical additives used in the papermaking process to significantly improve the physical and mechanical properties of paper products. They enhance the tensile strength, bursting strength, folding endurance, and surface strength of paper by establishing stronger bonds between fibers (e.g., increasing the number of hydrogen bonds or introducing covalent bonds). These agents can be mainly divided into dry strength agents (improving strength in a dry state) and wet strength agents (improving strength in a wet state). They are key components in the manufacture of high-quality packaging paperboard, printing paper, toilet paper, and specialty paper, and are essential for ensuring the functional integrity and durability of paper in various usage environments. Sales volume in 2024 was 450,000 tons, with an average price of US\$1,250 per ton. Single-line capacity was 50,000 tons, with a gross profit margin of 44%.

The paper strengthening agent market is benefiting from the continuous upgrading of the packaging industry and the increasing use of recycled fibers. With the development of global e-commerce and logistics, the market demand for packaging paperboard that combines lightweight and high strength has surged, and strengthening agents are key to achieving this goal. More importantly, recycled pulp has lower natural strength due to fiber damage, making high-performance strengthening agents necessary for the production of high-quality paper using recycled fibers. This trend has driven market demand for strengthening chemicals that can effectively work on complex fiber raw

materials and are also cost-effective.

The current market competition focus has shifted to environmental performance and chemical efficacy. The market is gradually phasing out some traditional, highly toxic chemicals and moving towards strengthening agents that conform to the principles of 'green chemistry,' such as high-performance modified starch, cationic polyacrylamide (CPAM), and various biodegradable polymers. The manufacturer's R&D direction is to develop multifunctional composite reinforcing agents that can maintain high performance in more complex wet end chemical environments (such as high conductivity and high white water recovery rate), that is, while improving strength, they can also take into account functions such as retention aid, filtration aid and improving paper machine operating efficiency.

This report is a detailed and comprehensive analysis for global Paper Strengthening Reagents market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Paper Strengthening Reagents market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Paper Strengthening Reagents market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Paper Strengthening Reagents market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Paper Strengthening Reagents market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Paper Strengthening Reagents
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Paper Strengthening Reagents market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Seiko PMC, Kemira, BASF, Harima Chemicals, Asahi Kasei, Solenis, Kurita, Arakawa Chemical Industries, Ltd., Ecolab, Borregaard, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Paper Strengthening Reagents market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Wet Strength Agent

Dry Strength Agent

Market segment by Addition Point

Wet-end Strength Agents

Surface Sizing Strength Agents

Market segment by Chemical Composition

Cationic Starch

Anionic Starch

Market segment by Application

Paper

Paper Board

Others

Major players covered

Seiko PMC

Kemira

BASF

Harima Chemicals

Asahi Kasei

Solenis

Kurita

Arakawa Chemical Industries, Ltd.

Ecolab

Borregaard

Jiangsu Sanrui

Shandong Nuoer Biological Technology Co., Ltd.

Axchem Korea

Mare Austria GmbH

OCHS Chemical

ITOCHU CHEMICAL FRONTIER Corporation

Chang Chun Group

Korfez Kimya

Delamine

Akkim Kimya

Chengming Chemical

Aurora Specialty Chemistries

Orient Packagings Limited (OPL)

Adhesion Group of Industries

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

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

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

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

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Paper Strengthening Reagents product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Paper Strengthening Reagents, with price, sales quantity, revenue, and global market share of Paper Strengthening Reagents from 2021 to 2026.

Chapter 3, the Paper Strengthening Reagents competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Paper Strengthening Reagents breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Paper Strengthening Reagents market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Paper Strengthening Reagents.

Chapter 14 and 15, to describe Paper Strengthening Reagents sales channel, distributors, customers, research findings and conclusion.

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