

Global Paper Dry Strength Agent Market Forecast to 2030

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Report description:

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Market Overview

Paper dry (internal) strength agents are multipurpose substances that are frequently used to improve drainage and retention of fines, fibre and filler as well as the strength of paper and paperboard in terms of compressing, tensile, bursting and internal bond strength, among other properties. The growing demand for paper and pulp from developing nations as well as the rising use of recycled paper are two reasons that are driving the global market for paper dry strength agents. Future market expansion potential will also be offered by the growing product development in dry strength agents. The price of paper dry strength agents is affected by rising energy and power costs, which could limit market expansion throughout the projection period.

Segment Overview

The global paper dry strength agents market has been segmented based on type, application, and end user. Based on type, the paper dry strength agent market is classified as polyacrylamide, polyvinyl amine, starch-based polymers, glyoxalated polyacrylamide, amphoteric polymers and others. Based on application the market is segmented as printing containerboard duplex board, Kraft paper, and others. On the basis of end user, the market is segmented into paperboards, paper and others.

Regional Analysis

The paper dry strength agents market is divided into five regions based on geography: the Middle East & Africa, Latin America, North America, Asia Pacific, and Europe. There are two halves together North America: the US and Canada. In 2021, the US held the highest market share. The increase is linked to the rising popularity of recyclable goods, which terminate prolong the useful life of packaging, the cycle of single-use plastics, and lessen the environmental impact of packaging for single-use goods. The abundance of local, regional, and international market participants serving the expanding demand for paper and pulp from developing nations distinguishes the global market for paper dry strength agents. Also, the rising demand for paper chemicals caused by the growing use of recycled paper will continue to fuel the expansion of the global market for paper dry strength agents during the course of the projected period. The global market for paper dry strength agents might well be hampered by rising energy and power prices, which impact the cost of paper dry strength agents. To increase their market share and lower operational expenses, the big companies have adopted a strategy that involves securing regulatory approval from government bodies for their products and concluding contracts and agreements.

Major Players

Arakawa Chemical Industries, Ltd. (Japan), BASF SE (Germany), Kemira OYJ (Finland), Harima Chemicals Group, mc, (Japan),

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Applied Chemicals International Group (Switzerland), SEIKO PMC CORPORATION (Japan), Cheng Ming Chemical (Thailand) Co., Ltd. (Thailand), and Solenis are the leading companies in the global market for paper dry strength agents (US).

COVID 19 Impacts

The epidemic has affected the global business climate for a number of companies. The paper dry strength agents market's supply chain is crucial to meeting consumer needs. Some nations imposed import and export restrictions as a result of the outbreak. Since many nations depend on other nations for its technology and supply of raw materials, this has also had an impact on the chemical sector. Trade obstacles that restricted the market caused a lack of raw materials needed to make paper dry strength agents, including starch, Dry Strength Resin (DSR), guar gum and other chemicals. Almost 100 nations implemented full or partial lockdowns in the first half of 2020, which resulted in labor shortage and market closures. Regarding the supply of dry strength agents, the logistics of handling bottlenecks at regional border checks had also been problematic. Moreover, pulp and paper companies were struggling as a result of the closure of the paper and paperboard industries as a result of disrupted supply chains and operational limitations. Yet, the market has grown gradually thanks to the increased market for pulp and paper brought on by modifications to consumer lifestyles brought on by the epidemic.

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