

Asia Pacific Polyacrylamide Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Type (Anionic, Cationic, and Non-Ionic), Form (Powder and Liquid), and End User (Water and Wastewater Treatment, Pulp and Paper Manufacturing, Oil and Gas, Mining Industry, and Others)

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Report description:

The polyacrylamide market in Asia Pacific is expected to grow from US\$ 2,259.04 million in 2022 to US\$ 3,185.15 million by 2028. It is estimated to grow at a CAGR of 5.9% from 2022 to 2028.

Widening Focus on Water and Wastewater Treatment Activities

Bio-based polymers are made from renewable resources. In recent years, the interest in bio-based polymers has grown significantly due to the desire and need to find non-fossil fuel-based polymers. The environmental concerns and the realization that petroleum resources are finite can result in increased attention toward bio-based polymers. Bio-based polymers help replace existing polymers in various applications and offer new combinations of properties for new applications. Nowadays, bio-based polymers are highly found in numerous applications owing to advancements in biotechnologies and public awareness. The bio-based polymers have emerged as a solution to the problems generated by polymer and plastic technology. Various unique features of bio-based polymers, such as minimal carbon footprint, optimum recyclability, and complete biodegradability, have enabled them to find a significant place in the huge polymer industry. Nova-the international biopolymer expert group has released a new market and trend report, "Bio-based Building Blocks and Polymers - Global Capacities, Production, and Trends 2020-2025". As per the report, in 2020, the total production volume of bio-based polymers was 4.2 million tons, i.e., 1% of the total production volume of fossil-based polymers. Further, the CAGR is 8%, which is significantly higher than the overall growth of polymers (3-4%), and this is expected to continue until 2025. In 2022, Kemira started full-scale production of its newly developed polyacrylamide polymer based on bio-based feedstock. This newly developed polymer is water-soluble and offers the same

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technical specifications as its conventional equivalent. The first commercial volumes are shipped for trials to one of the wastewater treatment plants of the Helsinki Region Environmental Services. It shows that market players are focusing on making their product portfolio greener. This helps customers make their processes more sustainable. Hence, the development of bio-based polyacrylamide is expected to offer lucrative opportunities for the polyacrylamide market growth during the forecast period.

Market Overview

Asia Pacific comprises China, India, Japan, Australia, South Korea, and the Rest of APAC. In the polyacrylamide market in the region, Kemira company has added capacity in Asia Pacific to support the growing paper and board industry., Kemira inaugurated top notch dry polyacrylamide products primarily for retention and drainage uses, which are essential in today's quick paper and board manufacturing, which is a great initiative by the company and this might affect the market growth of the product in the region. Also, BASF Company has also successfully ramped up commercial production of its new polyacrylamide powder. The additional 20,000 metric tons of polyacrylamide capacity annually will support Asia Pacific mining customers. As a premier global supplier of environmentally friendly mining operations solutions, BASF developed breakthroughs that boost productivity, recovery, and flexibility throughout the hydrometallurgical process. For ore binders, alumina processing, and tailings management in mining, as well as for enhanced ore recovery and reservoir stimulation in oilfields, polyacrylamide plays a significant role in BASF's innovations. All these developments and factors are driving the market of polyacrylamide in the region.

Asia Pacific Polyacrylamide Market Revenue and Forecast to 2028 (US\$ Million)

Asia Pacific Polyacrylamide Market Segmentation

The Asia Pacific polyacrylamide market is segmented into type, form, application and country.

Based on type, the market is segmented into anionic, cationic, and non-ionic. The cationic segment registered the largest market share in 2022. Based on form, the market is bifurcated into on powder and liquid. The liquid segment held a larger market share in 2022. Based on application, the market is categorized into water and wastewater treatment, pulp and paper manufacturing, oil and gas, mining industry, and others. The water and wastewater treatment segment held the largest market share in 2022. Based on country, the market is segmented into Australia, China, India, Japan, South Korea, and Rest of APAC. China dominated the market share in 2022. SNF; Kemira Oyj; BASF SE; Mitsui Chemicals, Inc.; Ashland Global Holdings Inc.; Solenis; Solvay S.A.; Black Rose Industries Ltd.; Anhui Jucheng Fine Chemicals; and Xitao Polymer Co. Ltd. are the leading companies operating in the polyacrylamide market in the region.

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