

Global Water Soluble Polymer Market Outlook to 2027

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Abstracts

According to BlueQuark Research & Consulting, the global Water Soluble Polymer market is expected to witness a significant growth rate during the forecasted period. Factors like the increasing use of Water Soluble Polymers in the water treatment, Water Soluble Polymers, or flocculant helps bring together the coagulated particles to form longer and larger particle chains, are expected to drive the global market. Further, water soluble polymers are used in the food industry in many foods, primarily as thickeners, stabilizers, and gelling agents are projected to drive the global market. Furthermore, in the pharmaceutical industry, water-soluble polymer plays different roles in designing pharmaceutical dosage forms that are expected to drive market growth. However, the impact of the Covid-19 pandemic on the development and supply chain disruptions of many end-user sectors stringent government regulations on polymer consumption are expected to hinder the global market growth.

Water Soluble Polymer is used in the water treatment to remove suspends and contaminants from the water. It is used in the food industry for packed foods such as sauces, salad dressings, ice cream, chocolate milk, cream cheese, and oils. It is used as suspenders, emulsifiers, and binding agents for drugs in the pharmaceutical industry. It is found in coatings readily soluble in water, such as water-borne coatings, water-reducible coatings, and latex-based paint. It is used in the textile industry and construction. It is also used in adhesives to form bonds that hold labels, stickers, or tapes.

The Water Treatment Industry is the most vital consumer of Water Soluble Polymer and is projected to drive the Global Market. Water Soluble Polymers play an important role in wastewater treatment. Separating solids from liquid also helps to thicken the sludge and dewater contaminated material for easier handling and disposal, making the Global Market for Water Soluble Polymer bound to rise. According to United Nations, 56% of household wastewater flows were safely treated in 2020. By 2030, water quality is

improved by reducing pollution, eliminating dumping, minimizing the release of hazardous chemicals and materials, halving the proportion of untreated wastewater, and substantially increasing recycling and safe use globally. Water Soluble Polymers help to remove the water content from the waste sludge and change the waste properties from liquid to solid. This change significantly impacts the disposal cost or tipping fee and the industry shoots' demand, thus driving the Global Water Soluble Polymer Industry. Therefore the mentioned use of Water Soluble Polymers in the Water Treatment Industry is expected to grow and drive the overall market.

The Asia-Pacific region is expected to be the leader in the production and consumption of Water Soluble Polymers, with most of the consumption in countries like China and India. China is the leading global consumer of synthetic water soluble polymers. The nation is also the fastest-growing market for these polymers and will account for the bulk consumption growth. With the growing population, the demand for water treatment is rising. Water treatment plants use water soluble polymers to prepare wastewater before it is treated in clarifiers, thickeners, filter presses, centrifuges, and other dewatering equipment, thus driving the global Water Soluble Polymer market. The demand for Water Soluble Polymers is increasing in the food industry. Water Soluble Polymers are the secret ingredient in many sauces and salad dressings that serve as stabilizers, preventing oil and water mixtures from separating is driving the need for Water Soluble Polymer in the Global Market. In the pharmaceutical industry, it is used to make gels, nanoparticles, microparticles, and various capsules are expected to drive the demand for Water Soluble Polymers in the market. Water Soluble Polymer helps flow better and water-resistant coatings in the paint industry, driving the global Water Soluble Polymer market. In the textile industry, Water Soluble Polymer film is used to transfer nanostructure of on-film-deposited functional materials on textile substrates, driving the Water Soluble Polymer market. Water Soluble Polymer functions as dispersants and water-reducing agents in concrete, improving its compressive and flexural strength and used in adhesives, which allows the labels to be cleanly removed from a substrate without leaving any adhesive residue, driving the demand for global Water Soluble Polymer. The mentioned factors have made the Asia-Pacific an essential region for growth in the Water Soluble Polymer Market.

Some of the market's key players are Arkema S.A., Ashland Global Specialty Chemicals Inc., BASF SE, Kuraray Co., Ltd, Dow Chemical Company, among others.

In February 2022, Kemira has strengthened its position as the leading provider of sustainable chemical solutions for water-intensive industries by fully producing a newly designed polymer based on biobased feedstock for the first time in the world.

In May 2021, Infinite Material Solution LLC, an innovator in material design, launched the Caverna PP product, the world's first extrudable thermoplastic with a water-soluble, co-continuous, microporous morphology. It is a 3D printing filament that allows lightweight foam parts resembling a sponge.

Global Water Soluble Polymer Market report provides deep insight into the Industrial market's current and future state across various regions. The study comprehensively analyses the Water Soluble Polymer market by segmenting based on the By Types (Natural, Synthetic, Semi-synthetic, Others), By Product (Polyethylene Glycol, Polyacrylamides, Polyacrylic Acid Copolymer, Polyvinyl Alcohol, Polyvinylpyrrolidone, Others), By Application (Water Treatment, Food, Pharmaceutical, Paint, Textile, Construction, Adhesives, Others), and Geography (Asia-Pacific, North America, Europe, South America, and Middle-East and Africa). The report examines the market drivers and restraints and the impact of Covid-19 on the market growth in detail. The study covers and includes emerging market trends, developments, opportunities, and challenges in the industry. This report also covers extensively researched competitive landscape sections with prominent companies and profiles, including their market shares and projects.

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