

Global Poly Anionic Cellulose (PAC? Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Poly Anionic Cellulose (PAC? market size is expected to reach \$ 583 million by 2032, rising at a market growth of 4.0% CAGR during the forecast period (2026-2032).

Polyanionic cellulose (PAC) is a water-soluble polymer additive obtained by chemically modifying cellulose as a raw material and introducing anionic groups. It is commonly used in water-based drilling and completion fluid systems. Its main function is to control water loss and adjust rheology and viscosity, reduce filtration by forming a dense mud cake, improve rock carrying and suspension stability, and have certain salt and calcium resistance and wide pH adaptability; Products are usually divided into two categories: low viscosity PAC LV and high viscosity PAC HV, which focus on filtration control and rheological fine-tuning or stronger thickening and sand carrying capacity, respectively. In trade and acceptance, they are often benchmarked against API and OCMA indicator systems. In 2025, global Poly Anionic Cellulose (PAC? production reached approximately 126.43 K MT, with an average global market price of around US\$ 3,364 per MT.

The demand for polyanionic cellulose (PAC) is highly correlated with the strength of water-based drilling fluids. It has stronger viscosity in conditions such as deep wells, horizontal wells, offshore and complex formations that are more sensitive to water loss control and wellbore stability. At the same time, environmental protection and compliance pressure will promote the permeability of water-based systems and the demand for PAC with low toxicity, biodegradability and better batch consistency. The competition focus will shift from simple price to effective substitution degree and molecular weight stability, salt and temperature resistance, dissolution and dispersion speed and low impurity control. Through formulation services and on-site application support, we will lock in oil service and mud system customers.

This report studies the global Poly Anionic Cellulose (PAC? production, demand, key

manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Poly Anionic Cellulose (PAC) and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Poly Anionic Cellulose (PAC) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Poly Anionic Cellulose (PAC) total production and demand, 2021-2032, (Kilotons)

Global Poly Anionic Cellulose (PAC) total production value, 2021-2032, (USD Million)

Global Poly Anionic Cellulose (PAC) production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global Poly Anionic Cellulose (PAC) consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: Poly Anionic Cellulose (PAC) domestic production, consumption, key domestic manufacturers and share

Global Poly Anionic Cellulose (PAC) production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global Poly Anionic Cellulose (PAC) production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global Poly Anionic Cellulose (PAC) production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global Poly Anionic Cellulose (PAC) market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ashland, Celotech Chemical, BSK KIMYA, Kima Chemical, Shanghai Honest Chem, Weifang Lude Chemical, Qingdao Doeast Chemical, Feicheng Yutian Chemical, Hebei Huayi Cellulose, LANDU, etc. This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Poly Anionic Cellulose (PAC) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Poly Anionic Cellulose (PAC) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Poly Anionic Cellulose (PAC?) Market, Segmentation by Type:

High Viscosity

Low Viscosity

Global Poly Anionic Cellulose (PAC?) Market, Segmentation by Form:

Powder

Particle

Global Poly Anionic Cellulose (PAC?) Market, Segmentation by Downstream:

Industrial Grade

Daily Chemical Grade

Global Poly Anionic Cellulose (PAC?) Market, Segmentation by Application:

Oil & Gas

Textile Industry

Paper Industry

Daily Chemical Industry

Other

Companies Profiled:

Ashland

Celotech Chemical

BSK KIMYA

Kima Chemical

Shanghai Honest Chem

Weifang Lude Chemical

Qingdao Doeast Chemical

Feicheng Yutian Chemical

Hebei Huayi Cellulose

LANDU

Mikazone

Zouping Yizhong Industrial

Jiangsu Licheng Chemical

Key Questions Answered:

1. How big is the global Poly Anionic Cellulose (PAC?) market?
2. What is the demand of the global Poly Anionic Cellulose (PAC?) market?
3. What is the year over year growth of the global Poly Anionic Cellulose (PAC?) market?
4. What is the production and production value of the global Poly Anionic Cellulose (PAC?) market?
5. Who are the key producers in the global Poly Anionic Cellulose (PAC?) market?
6. What are the growth factors driving the market demand?

Contents

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