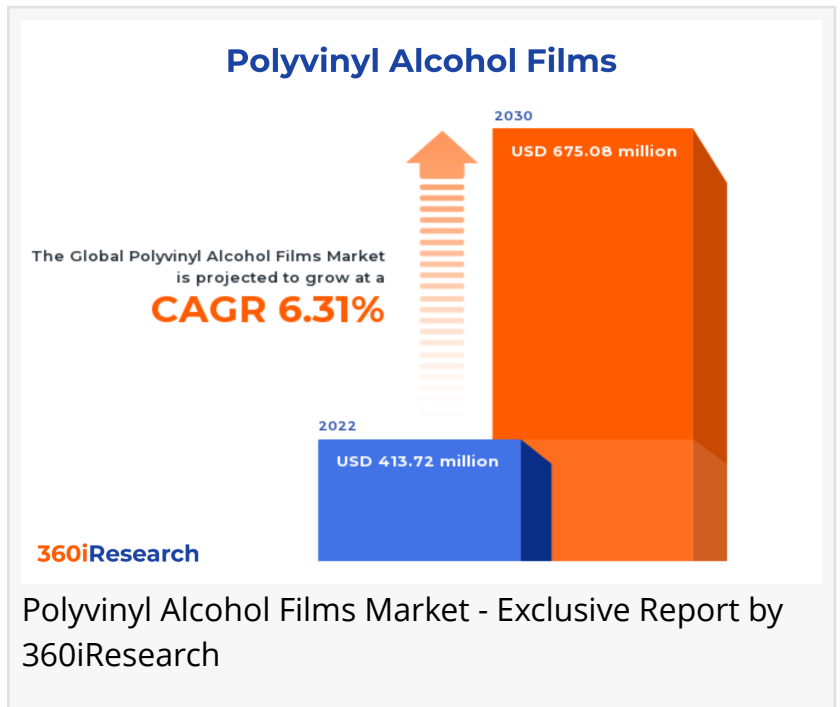


Polyvinyl Alcohol Films Market worth \$675.08 million by 2030 - Exclusive Report by 360iResearch

Polyvinyl Alcohol Films Market worth \$675.08 million by 2030, growing at a CAGR of 6.31% - Exclusive Report by 360iResearch

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-- The "[Polyvinyl Alcohol Films Market](#)
by Grade (Fully Hydrolyzed, Low
Foaming Grades, Partially Hydrolyzed),
Application (Agrochemical Packaging,
Detergent Packaging, Food & Beverage)
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The Global Polyvinyl Alcohol Films Market to grow from USD 413.72 million in 2022 to USD 675.08 million by 2030, at a CAGR of 6.31%.

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Polyvinyl alcohol (PVA) films are a kind of synthetic, biodegradable, and water-soluble polymer film that provide unique characteristics highly desired in several industrial sectors. Originally derived from polyvinyl acetate through a process of alcoholysis, PVA films, in essence, comprise polyvinyl alcohol, a resin with exceptional adhesive, film-forming, and emulsifying properties. Rising environmental consciousness and stringent rules against non-biodegradable plastics are propelling demand for PVA films, while their grease resistance taps into the growing preference for convenient, mess-free consumer goods. However, high production costs and competition from other biodegradable films present significant challenges. Hence, innovative strides in cost-efficient manufacturing processes and enhanced heat-sealability are anticipated to make PVA films more competitive and widen their application spectrum. An exploration of PVA films' niche-

specific properties, such as in the medical field, is expected to open up high-value opportunities, such as drug delivery systems, wound dressings, or infection barriers in surgical gloves.

Application: Emerging applications of polyvinyl alcohol films in wound care products owing to its water permeability and bio-compatibility

Polyvinyl alcohol (PVA) films are widely used in the packaging of agrochemicals owing to their water-soluble properties and biodegradable nature. They protect agrochemicals such as fertilizers and pesticides against external factors, maintaining their efficiency and ensuring the safety of the users and the environment. Polyvinyl alcohol films are extensively used in detergent packaging as they dissolve in water, thus reducing plastic waste dramatically. They also offer protection against moisture absorption, preserving the detergent's quality. PVA films in the food and beverage market are progressively seen as a solution to minimize food waste due to their excellent barrier properties for oxygen, gases, and oil. Additionally, they extend shelf life by preserving aroma and taste, thus maintaining food quality significantly. Due to PVA's water-soluble, water-permeable, and non-toxic characteristics, it is increasingly being used in the medical and healthcare industry for drug delivery, wound care, and medical device packaging. MonoSol LLC and Arrow GreenTech Ltd. are recognized manufacturers offering PVA films for medical applications.

Grade: Higher adoption of fully hydrolyzed films for increased chemical resistance and lower dissolution time

Fully hydrolyzed PVA films are predominantly utilized in applications demanding high strength, resistance, and solubility, such as textile sizing, coatings, and sustainable packaging. This grade exhibits substantial tensile strength and dimensional stability owing to its high crystalline region. Low foaming grades of PVA films, characterized by their minimal generation of foam during dissolution, are employed in various sectors, including the detergent and cleaning industry, attributed to their excellent water-soluble properties. Partially hydrolyzed PVA films exhibit an excellent balance between solubility and mechanical strength, making them well-suited for adhesive applications, concrete protection, and paper processing.

Regional Insights:

The American polyvinyl alcohol films market is driven by innovations in sustainable packaging solutions, specifically in the United States and Canada. There is an escalating demand for bio-based and water-soluble films for applications in food packaging, laundry, and dishwasher tabs. Newly emerging industrial sectors are also utilizing polyvinyl alcohol films, which are contributing significantly to the overall growth of this market in the Americas. Europe, being the hub of advanced manufacturing practices, underlines immense growth potential for the polyvinyl alcohol films market. The region is witnessing steady growth, largely owing to increasing environmental concerns and stringent regulations aimed at reducing plastic waste. In particular, the packaging industry in countries including Germany, the UK, and France appears to be inclining towards eco-friendly alternatives, enhancing the demand for polyvinyl alcohol films. The Middle East and Africa, while currently accounting for a smaller market share, are anticipated to exhibit promising growth attributed to rising awareness about plastic pollution. The APAC region,

led by China and India, is estimated to register the largest growth rate globally in the polyvinyl alcohol films market. This growth is driven primarily by the countries' booming consumer goods industries and stringent government regulations on non-biodegradable packaging materials. Japan, being a technologically advanced nation, is also contributing significantly to the technological development and market growth of polyvinyl alcohol films.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Polyvinyl Alcohol Films Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Polyvinyl Alcohol Films Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Polyvinyl Alcohol Films Market, highlighting leading vendors and their innovative profiles. These include Aicello Corporation, Amtrex Nature Care Pvt Ltd., Arrow GreenTech Ltd., BASF SE, Bioplastics International, Chang Chun Group, Cortec Corporation, Jeva Packaging Limited, Kuraray Co., Ltd., Liwei Chemical Co. Ltd., Mitsubishi Chemical Corporation, MSD Corporation, Noble Industries, Sekisui Specialty Chemicals America, LLC, Toray Industries Inc., and Toyobo Co., Ltd..

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Market Segmentation & Coverage:

This research report categorizes the Polyvinyl Alcohol Films Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Grade, market is studied across Fully Hydrolyzed, Low Foaming Grades, and Partially Hydrolyzed. The Low Foaming Grades is projected to witness significant market share during forecast period.

Based on Application, market is studied across Agrochemical Packaging, Detergent Packaging, Food & Beverage, and Medical & Healthcare. The Detergent Packaging is further studied across Consumer Detergent and Industrial Detergent. The Medical & Healthcare is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 38.74% in 2022, followed by Europe, Middle East & Africa.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Polyvinyl Alcohol Films Market, by Grade
7. Polyvinyl Alcohol Films Market, by Application
8. Americas Polyvinyl Alcohol Films Market
9. Asia-Pacific Polyvinyl Alcohol Films Market
10. Europe, Middle East & Africa Polyvinyl Alcohol Films Market
11. Competitive Landscape
12. Competitive Portfolio
13. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players

5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Polyvinyl Alcohol Films Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Polyvinyl Alcohol Films Market?
3. What is the competitive strategic window for opportunities in the Polyvinyl Alcohol Films Market?
4. What are the technology trends and regulatory frameworks in the Polyvinyl Alcohol Films Market?
5. What is the market share of the leading vendors in the Polyvinyl Alcohol Films Market?
6. What modes and strategic moves are considered suitable for entering the Polyvinyl Alcohol Films Market?

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