

Biopolymer Films Market to grow at over 7% CAGR from 2016 to 2024: Global Market Insights Inc.

The Research Report on “[Biopolymer Films Market](#) Size By Raw Material (Bio-based, Microbial Synthesized, Synthetic, Partially Bio-based), By Technology (Sol-gel, Atomic Layer Deposition [ALD], Multilayer), By Product (PLA, PHB, PHA, PVA, Polyamide, Mulch, Cellophane), By End-user (Food & Beverage, Home & Personal Care, Medical & Pharmaceutical, Agriculture), Industry Analysis Report, Regional Outlook (U.S., Canada, Germany, UK, France, Spain, Italy, China, India, Japan, Australia, Indonesia, Malaysia, Brazil, Mexico, South Africa, GCC), Application Growth Potential, Price Trends, Competitive Market Share & Forecast, 2016 – 2024”, Biopolymer Coatings Market size is set to exceed USD 1.3 billion by 2024; according to a new research report by Global Market Insights, Inc.

Global biopolymer films market size is majorly driven by robust growth in the food & beverage industry. For instance, the global food & beverage industry is likely to observe growth close to 8% CAGR over the estimated timeframe. The industry is also positively influence by drifting consumer focus for food packaging films derived from bio-based sources such as polysaccharides (starch, cellulose) and proteins (soy, whey & gelatin). Furthermore, introduction of edible biopolymer films for the food industry will complement the overall industry share over the estimated timeframe.

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Growing product applications across medical applications owing to its biocompatibility is another major industry growth prospect. The product is used in medical applications such as controlled drug release, space filling implants and wound management. Robust growth in the medical field along with technological advancements, which have created widespread product applications in the medical industry will subsequently boost the overall biopolymer market size by 2024.

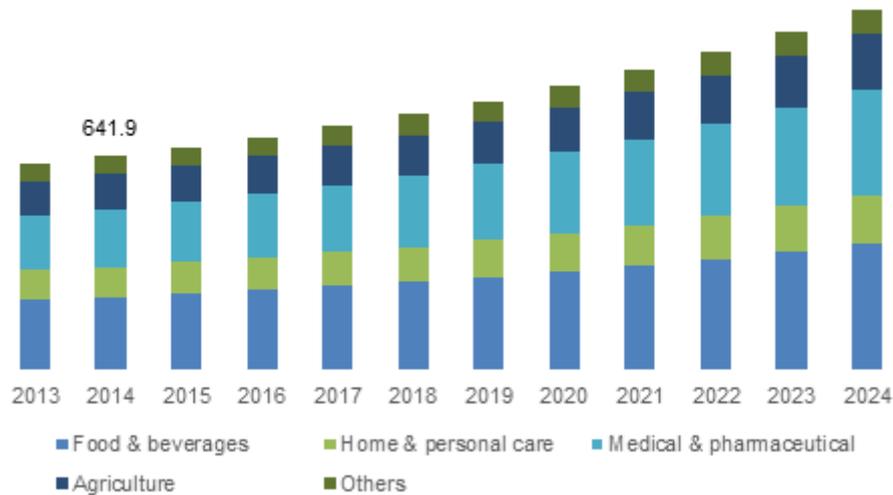
In addition, stringent legislations against use of synthetic and semi-synthetic films in food packaging on account of its adverse effects in case of direct food contact, will ultimately favor product demand in food packaging applications. This is turn will positively influence the global biopolymer market share over the estimated period.

The product offers valued added advantages such as ecofriendly characteristics, biocompatibility and easy raw material availability. However, relatively high product

cost in comparison with prevailing counterparts such as semi-synthetic and synthetic films may hamper the overall industry growth in the near future. For example, biopolymer films market price trend ranges from USD 3/kg to USD 3.5/kg. Whereas, semi-synthetic and synthetic films range from USD 1.2/kg to 2/kg.

Additionally, comparatively low mechanical and vapor barrier properties of the product may hinder industry growth. However, technological advancements including ALD and multilayer has introduced products with properties up to industrial requirement and has thus created ample growth opportunities for the product manufacturers. In addition, favoring legislations by the EPA and FDA towards usage of ecofriendly films in the food packaging, medical, pharmaceutical and cosmetic will further create new industry growth opportunities.

U.S biopolymer films market size, by end-user, 2013-2024 (USD Million)



Bio-based raw material led the overall biopolymers market share in 2015 and accounted for approximately 40% of the global share. The industry share was substantial due to increasing usage of biomass such as proteins, lipids and polysaccharides for product manufacturing. However, microbial synthesized biopolymer films market size will witness maximum growth over 16% between 2016 and 2024.

Biopolymers films market share by multilayer technology held the maximum industry share in 2015. the technology helps in enhancing the product characteristics such as moisture barrier, which makes the product desirable across numerous applications including food & beverage, cosmetics and pharmaceutical packaging.

The global polylactic acid (PLA) biopolymer films market size was more than USD 800 million in 2015. Increasing product applications in the end-user industries including agriculture and food packaging is positively influence the global industry size over the projected timeframe. Food & beverage led the global biopolymer films

market end-user base in 2015. Escalating package food demand, particularly due to increasing consumer spending power along with increasing working population across the globe will boost industry size.

North America held roughly around 25% of the overall biopolymer films market share in 2015. The regional industry share was mainly attributed to prevalence of strict norms favoring bio-based products for food packaging applications and robust package food industry in the U.S. In addition, Asia Pacific, mainly led by India and China, will be the fastest growing region during the coming years.

In 2015, the overall industry was fragmented with major industry players accounting less than 30% of the overall share. Braskem, BASF, Innovia Films, Taghleef, Evonik, Avery Dennison, Plastic Union, Mondi Group, Industria Termoplastica Pavese, Klöckner Pentaplast, Toray Industries, BioBag International, NatureWorks and Amcor are some of the prominent biopolymer films market share contributors.

Segmentation of Biopolymer Films Market:

Biopolymer films market research report includes in-depth coverage of the industry, with estimates & forecast in terms of volume in kilo tons and revenue in USD million from 2013 to 2024, for the following segments:

Biopolymer Films Market By Raw Material

- Bio-based
- Microbial synthesized
- Synthetic
- Partially bio-based

Biopolymer Films Market By Technology

- Sol-gel
- Atomic layer deposition (ALD)
- Multilayer

Biopolymer Films Market By Product

- PLA films
- PHB films
- PHA films
- PVA films
- Polyamide films
- Mulch films

- PBAT films
- Others

Biopolymer Films Market By End-user

- Food & beverage
- Home & personal care
- Medical & pharmaceutical
- Agriculture
- Others

The above information is provided on a regional and country basis for the following:

- North America
 - U.S.
 - Canada
- Europe
 - Germany
 - UK
 - France
 - Spain
 - Italy
- Asia Pacific
 - China
 - India
 - Japan
 - Australia
 - Indonesia
 - Malaysia
- Latin America
 - Brazil
 - Mexico
- Middle East & Africa
 - South Africa
 - GCC

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Coatings [General Packaging, Food & Beverage Packaging], Corn Zein Protein [Pharmaceutical, Food & Beverage Packaging]), Regional Outlook (U.S., Germany, UK, France, Italy, China, India, Japan, Brazil), Price Trend, Competitive Market Share & Forecast, 2016 – 2024

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