

Bioplastic Textiles Market: Segmented By Material (Bio-Polyester, Polyhydroxyalkanoate, Polylactic Acid, Polyhydroxy Butyrate, and Bio-Polyamide): By Source (Corn Starch, Cassava, Sugarcane, and Beet): By End-User (Footwear, Clothing, and Home Textiles): Global Analysis by Market size, share & trends for 2019-2020 and forecasts to 2030

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Abstracts

178+ Pages Research Report The Bioplastic Textiles Market to surpass USD 2.09 billion by 2030 from USD 1.00 billion in 2020 at a CAGR of 6.60% within the coming years, i.e., 2020-30.

Product overview

Bioplastics are plastics materials made from renewable biomass sources, such as vegetable fats and oils, corn starch, straw, wood chips, sawdust, recycled food waste, etc. containers) through the use of microorganisms. Bioplastics are generally made from sugar derivatives, including starch, cellulose, and lactic acid. Common plastics such as fossil-fuel plastics (also known as petroleum-based polymers) are made from petroleum or natural gas. In the petrochemical industry, bioplastics are attractive because they are biodegradable. Not all bioplastics are biodegradable or more easily biodegradable than base plastics made from fossil fuels. Bioplastics are used for single-use items such as containers, dishes, cutlery, pots, bowls, and straws. There are few commercial applications for bioplastics, and cost and performance remain problematic.

Market Highlights

The Bioplastic Textiles Market is predicted to project a notable CAGR of 6.60% in 2030. The Bioplastic Textiles Market to surpass USD 2.09 billion by 2030 from USD 1.00

billion in 2020 at a CAGR of 6.60% within the coming years, i.e., 2020-30. Strong growth in the Bioplastic Textiles Market is expected in all developed geographic markets, supported by consumer tendencies towards sustainable products. The urgent need to contain CO2 emissions by reducing reliance on fossil fuels is likely to fuel demand over the forecast period (2021-2031). Technological developments have made bioplastics compatible and easy to use, making them a potential alternative source for end-use, as well as the increasing spread of the bioplastic product in fabrics and home textiles, as well as growing government initiatives for the use of environmentally friendly products. Use of bioplastics is gaining in importance worldwide, which will drive the growth of the Bioplastic Textiles Market. The massive use of the product in fabrics and home textiles will drive the growth of the Bioplastic Textiles Market.

Recent News and Developments:

In November 2019, Danimer Scientific and Genpak teamed up to develop a new line of biodegradable food packaging containing Nodax polyhydroxyalkanoate (PHA).

In June 2019, Braskem signed an alliance with Athletica Nutrition to use I'm green plastic for its recently launched Best Vegan Packaging product line

Bioplastic Textiles Market: Segments

Polylactic Acid segment to grow with the highest CAGR during 2020-2030

The Bioplastic Textiles Market is segmented By Material into Bio-Polyester, Polyhydroxyalkanoate, Polylactic Acid, Polyhydroxy Butyrate, and Bio-Polyamide. The Polylactic Acid segment is expected to drive Bioplastic Textiles Market growth owing to the maximum share of about 30%. Moreover, PLA has properties similar to polystyrene and polyethylene, making it a potential replacement to boost the Global Bioplastic Textiles Market.

Corn Starch segment to grow with the highest CAGR during 2020-2030

The Bioplastic Textiles Market is segmented By Source into Corn Starch, Cassava, Sugarcane, and Beet. Corn Starch segment has the largest market share in the forecast period. The acceptance of Corn Starch as a basic raw material for PLA production is expected to drive the growth of the Global Bioplastic Textiles Market. The textile, raw material, and other industries will further increase Bioplastic Textiles Market growth. It is estimated that the low cost, easy accessibility, and ecological properties of Corn Starch increase its use in bioplastic textile products.

Bioplastic Textiles Market: Market Dynamics

Drivers

Innovations and Advancements in The Global Market

Continuous innovations and further developments in the Global Bioplastic Textiles Market to develop new materials with improved properties and new functionalities are driving the Global Bioplastic Textiles Market. The high level of customer acceptance is an external factor driving the Global Bioplastic Textiles Market. In addition, the effects of climate change, led by pollution and CO2 emissions, as well as rising fossil fuel prices, are driving the oppressive demand for bioplastic textiles around the world.

Proliferating Private and Government Funding

The spread of private and government funding for the development of cheaper and more sustainable bioplastic manufacturing processes will fuel market growth. A greater focus on developing recyclable natural alternatives to synthetic plastic will also promote the Bioplastic Textiles Market growth.

Restraint

Expensive Textiles

One of the main obstacles to the growth of the Bioplastic Textiles Market is that these textiles are more expensive to manufacture compared to their petro-plastic equivalents, resulting in higher prices for the final products. In addition, the extraction of fermentable sugar from lignocellulose-containing biomass is a major challenge for the bio-based plastics industry, used in commercial and demonstration phases.

COVID-19 Impact on the Bioplastic Textiles Market

The market was positively influenced by COVID19 in 2020. Amid the lockdown, the demand for flexible packaging, which made up more than 45% of bioplastics, has increased due to the escalated demand for personal and health products, pharmaceuticals, and packaged foods. In addition, according to JEITA, the production of global electronic products such as laptops, cell phones, and semiconductors as well as information technology increased, which had a positive effect on the demand for bioplastics was hit in 2020 and saw a decline, but with the packaging industry back on track, the demand for bioplastics is expected to pick up again.

Global Bioplastic Textiles Market: Key Players

Natureworks LLC

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

Novamont S.p. A.
Braskem
Lacoste
Gucci
Puma
Unitika
BASF SE
DuPont de Nemours, Inc.
FKuR Biome Bioplastics

Bioplastic Textiles Market: Regions

Bioplastic Textiles Market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Europe is expected to have the largest market share during the forecast period due to the development of innovative materials in the region and the growing demand for green and sustainable products as well as strict government regulations. The growth of this market is attributed to the development of innovative materials and a growing demand for sustainable and environmentally friendly materials in Europe. However, growth with a healthy CAGR is also a forecast for the Asia-Pacific market. Governments in developing countries like India and China banned the use of conventional plastics because of their harmful effects on humans, aquatic life, and animals, which add to increased demand for biodegradable products in the Asia-Pacific region. The growing apparel industry and the penchant for online shopping in the region are driving the growth of the Bioplastic Textiles Market in the region. North America has fertile growth opportunities in the Global Bioplastic Textiles Market due to the growing consumer preference for biodegradable products.

Bioplastic Textiles Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – China, Japan, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Bioplastic Textiles Market report also contains analysis on:

Bioplastic Textiles Market Segments:

By Material

Bio-Polyester

Polyhydroxyalkanoate

Polylactic Acid

Polyhydroxy Butyrate

Bio-Polyamide

By Source

Corn Starch

Cassava

Sugarcane

Beet

By End-User

Footwear

Clothing

Home Textiles

Bioplastic Textiles Market Dynamics

Bioplastic Textiles Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value chain of the Market

Market Drivers and Restraints

Bioplastic Textiles Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 1.00 billion

Revenue forecast in 2030 USD 2.09 billion

Growth Rate CAGR of 6.60% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage

Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Basis, Product Type, End-User Industry, and Region

Regional scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled Natureworks LLC, Novamont S.p.A., Braskem, Lacoste, Gucci,

Puma, Unitika, BASF SE, DuPont de Nemours, Inc., FKUR Biome Bioplastics

Frequently Asked Questions on the Bioplastic Textiles Market

How widely can a Bioplastic Textiles Market expand?

Who are the key players in the Bioplastic Textiles Market?

Which segment is anticipated to hold the largest Bioplastic Textiles Market share?

What could be the factors driving the growth of the Bioplastic Textiles Market?

What could be the exigent factors in the growth of Bioplastic Textiles Market?

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Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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