

Bioplastic Textiles Market: Segmented by Type (Polyamide, Polytrimethylene Terephthalate, Polyethylene Terephthalate, Polylactic Acid and Other), By End user (Clothing, Footwear, Home Textiles and Other), and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

[174+ Pages Research Report] Global Bioplastic Textiles market to surpass USD 3.2 billion by 2030 from USD 1.1 billion in 2020 at a CAGR of 5.4% in the coming years, i.e., 2021-30.

Product Overview

A polymer that is made into a commercial product from a natural source or renewable resource is known as bioplastic. Bioplastics are a type of plastic manufactured from natural materials like vegetable oils and starches. Bioplastics are divided into three categories: Materials that are bio-sourced and biodegradable. Materials derived from fossil fuels and renewable resources. Disposable products made of bioplastics include packaging, crockery, cutlery, pots, bowls, and straws. Bioplastics have a limited number of commercial applications. Renewable biomass sources such as maize starch, woodchips, sawdust, and others are used to make bioplastics. Bioplastics are used in textiles for apparel, medicine, and the automotive sector, among other things. Bioplastic textiles can be made from a variety of raw materials, including sugarcane, beet, maize starch, and cassava, among others. Textiles such as sports bags, medicinal textiles, and clothing include bioplastics.

Market Highlights

Global Bioplastic Textiles market is expected to project a notable CAGR of 5.4% in 2030.

The availability of environmentally acceptable bioplastic raw materials in the market is projected to attract a greater number of participants, resulting in an increase in the overall size of the bioplastic textiles market in the forecast period. Furthermore, the product has a competitive advantage in terms of feedstock availability and accessibility. Furthermore, bioplastics are compostable and, as a result, decompose in a matter of weeks, as opposed to traditional plastics. In the future years, the aforementioned trends are expected to drive the overall bioplastic textile market size.

Global Bioplastic Textiles: Segments

Polylactic Acid segment to grow with the highest CAGR during 2020-30

Global Bioplastic Textiles market is segmented by Type into Polyamide, Polytrimethylene Terephthalate, Polyethylene Terephthalate, Polylactic Acid and Other. Hot-rolled coils segment held the largest market share in the year 2020. The Polylactic acid segment is projected to increase at a faster rate than the rest of the market. The segment of polylactic acid (PLA) is believed to have the largest market share. PLA has characteristics that are similar to those of polystyrene and polyethylene, therefore it might be used as a substitute. Sugarcane is another feedstock used in PLA manufacture, and it is highly preferred due to its environmentally benign features, low cost, and simplicity of access. The fermentation process is utilized to turn sugarcane into lactic acid, which is then used to make PLA.

Clothing segment to grow with the highest CAGR during 2020-30

Global Bioplastic Textiles market is divided by end-user into Clothing, Footwear, Home Textiles, and Other. Clothing segment held the largest market share in the year 2020. The presence of large-scale actors in the market is to blame for this. Puma, for example, has introduced bio polyester shirts, while Versace has an entire range of apparel called Ingeo, which is mostly composed of maize. In the approaching years, the clothing sector is likely to drive market expansion. Home textiles are another important end-user area for bioplastics. Bio-based products are rapidly making their way into home design products, and corporations are investing heavily to obtain an advantage over their competitors.

Market Dynamics

Drivers

Application in clothing & textile industry and its ability to decompose

The market is being propelled forward by increasing acceptance of bioplastic materials in fabrics and home textiles, as well as rising government initiatives to promote the use of environmentally friendly products. Bioplastics are gaining popularity around the world due to their ability to decompose. As a result, the bioplastic textile industry's growth will be guided by this element. The widespread usage of the substance in fabrics and home textiles will fuel the bioplastic textile industry's growth in the coming years.

Increased demand for biodegradable products

Another factor driving the Bioplastic Textile Market is the rising demand for biodegradable products. Growing demand for bio-based products as a result of strict regulatory restrictions, as well as green credits granted by the government to encourage sustainable products, is expected to provide significant opportunities for the market in the forecast year. Increasing acceptance of bioplastic textile in footwear and garments, as well as increased adoption of bioplastics as an alternative to traditional plastics, are driving market expansion, aligning with green initiatives.

Restraint

High cost associated with production process

Despite the fact that bioplastic textiles are gaining popularity around the world for a variety of applications, factors such as the high cost connected with the production process have hampered the global market's revenue growth. Because the prices of the raw materials and enzymes utilized are so expensive, lowering production costs remain a major problem for manufacturers in the industry. This constraint can also be ascribed to production scale, as bioplastic textiles' current worldwide capacity is still much smaller than that of traditional plastics, which can have a restraining influence on the global market.

Global Bioplastic Textiles: Key Players

BASF

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

Biome Bioplastics Ltd.

Corbion N.V.

Ercros S.A.

FKuR

NaturePlast

Bio-on SpA

Gucci

DuPont de Nemours, Inc

Other Prominent Players

Global Bioplastic Textiles: Regions

Global Bioplastic Textiles market is segmented based on regional analysis into five major regions: North America, Latin America, Europe, Asia Pacific, and the Middle East and Africa. The market in Europe is expected to hold the highest CAGR over the forecasted period. This is mostly owing to the region's development of novel materials and rising demand for environmentally friendly and sustainable products, as well as tight regulatory regulations. The European market for bioplastic goods is increasing as a result of the region's drive to a greener economy. Government measures to promote bio-based products, expanding consumer awareness of bioplastics, and increasing bans on traditional plastics are likely to drive the fastest growth for bioplastic textiles in Asia Pacific.

Global Bioplastic Textiles 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, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, 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

Global Bioplastic Textiles report also contains analysis on:

Bioplastic Textiles Segments:

By Type

Polyamide
Polytrimethylene Terephthalate
Polyethylene Terephthalate
Polylactic Acid
Other
By End-User
Clothing
Footwear
Home Textiles
Other
Bioplastic Textiles Dynamics
Bioplastic Textiles 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 1.1 billion

Revenue forecast in 2030 USD 3.2 billion

Growth Rate CAGR of 5.4% 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 Type, end user, and Region

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

Key companies profiled BASF, Biome Bioplastics Ltd., Corbion N.V., Ercros S.A., FKuR, NaturePlast, Bio-on SpA, Gucci, DuPont de Nemours, Inc, and Other Prominent Players

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL BIOPLASTIC TEXTILES MARKET

- 2.1. Product Overview
- 2.2. Market Definition
- 2.3. Segmentation
- 2.4. Assumptions and Acronyms

3. RESEARCH METHODOLOGY

- 3.1. Research Objectives
- 3.2. Primary Research
- 3.3. Secondary Research
- 3.4. Forecast Model
- 3.5. Market Size Estimation

4. AVERAGE PRICING ANALYSIS

5. MACRO-ECONOMIC INDICATORS

6. MARKET DYNAMICS

- 6.1. Growth Drivers
- 6.2. Restraints
- 6.3. Opportunity
- 6.4. Trends

7. CORRELATION & REGRESSION ANALYSIS

- 7.1. Correlation Matrix
- 7.2. Regression Matrix

8. RECENT DEVELOPMENT, POLICIES & REGULATORY LANDSCAPE

9. RISK ANALYSIS

9.1. Demand Risk Analysis

9.2. Supply Risk Analysis

10. GLOBAL BIOPLASTIC TEXTILES MARKET ANALYSIS

10.1. Porters Five Forces

10.1.1. Threat of New Entrants

10.1.2. Bargaining Power of Suppliers

10.1.3. Threat of Substitutes

10.1.4. Rivalry

10.2. PEST Analysis

10.2.1. Political

10.2.2. Economic

10.2.3. Social

10.2.4. Technological

11. GLOBAL BIOPLASTIC TEXTILES MARKET

11.1. Market Size & forecast, 2020A-2030F

11.1.1. By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

11.1.2. By Volume (Million Units) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12. GLOBAL BIOPLASTIC TEXTILES MARKET: MARKET SEGMENTATION

12.1. By Regions

12.1.1. North America:(U.S. and Canada), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.2. Latin America: (Brazil, Mexico, Argentina, Rest of Latin America), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.3. Europe: (Germany, UK, France, Italy, Spain, BENELUX, NORDIC, Hungary, Poland, Turkey, Russia, Rest of Europe), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.4. Asia-Pacific: (China, India, Japan, South Korea, Indonesia, Malaysia, Australia, New Zealand, Rest of Asia Pacific), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.1.5. Middle East and Africa: (Israel, GCC, North Africa, South Africa, Rest of Middle East and Africa), By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

12.2. By Type : Market Share (2020-2030F)

- 12.2.1. Polyamide, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
- 12.2.2. Polytrimethylene Terephthalate, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
- 12.2.3. Polyethylene Terephthalate, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
- 12.2.4. Polylactic Acid, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
- 12.2.5. Other, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
- 12.3. By End User: Market Share (2020-2030F)
 - 12.3.1. Clothing, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
 - 12.3.2. Footwear, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
 - 12.3.3. Home Textiles, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F
 - 12.3.4. Other, By Value (USD Million) 2020-2030F; Y-o-Y Growth (%) 2021-2030F

13. COMPANY PROFILE

- 13.1. BASF
 - 13.1.1. Company Overview
 - 13.1.2. Company Total Revenue (Financials)
 - 13.1.3. Market Potential
 - 13.1.4. Global Presence
 - 13.1.5. Key Performance Indicators
 - 13.1.6. SWOT Analysis
 - 13.1.7. Product Launch
- 13.2. Biome Bioplastics Ltd.
- 13.3. Corbion N.V.
- 13.4. Ercros S.A.
- 13.5. FKuR
- 13.6. NaturePlast
- 13.7. Bio-on SpA
- 13.8. Gucci
- 13.9. DuPont de Nemours, Inc
- 13.10. Other Prominent Players

14. 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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