

Bio-based Polypropylene (PP) Market Analysis By Application (Injection, Textile, Films), By Region (North America, Europe, Asia Pacific, Rest of the World), And Segment Forecasts, 2014 - 2025

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Abstracts

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The global bio-based polypropylene market is expected to reach USD 50.7 million by 2025 at a CAGR of 5.1%, according to a new report by Grand View Research, Inc. Rise in demand for bio-based polypropylene can be attributed to focus on sustainable plastics in the food and beverage industry.

Bio-based polypropylene is anticipated to register higher penetration in the automotive industry due to heightening need to reduce overall weight of automobiles. Multiple political and government initiatives are being undertaken for the reduction of greenhouse gas (GHG) emissions and carbon footprint. In addition, major automobile manufacturers are focused on deploying materials that increase fuel efficiency of automobiles, which is expected to drive market growth over the forecast period.

This industry benefits from the presence of several regulations promoting the use of low-weight materials across applications. In addition, the adoption of international concords including the Kyoto and Montreal protocols will propel the use of bio-based polymers for various applications. However, dwindling raw material availability is expected to pose a major threat to industry growth over the coming years.

Further key findings from the report suggest:

Films accounted for 18.5% of the market in 2016 in terms of application on

account of notable demand from major players in the food and beverage packaging industry

By application, the injection segment is anticipated to expand at the highest CAGR of 5.7% in terms of revenue. This can be attributed to increased usage in the production of components in automotive, building and construction, and electrical and electronics industries

Europe is likely to register a revenue-based CAGR of 5.3% during the forecast period. This is majorly due to usage in various application industries supported by regulatory agencies such as the European Commission

Key players in the market use several patented production techniques and constantly strive for discovery of new products. As a result, R&D investments are high in this industry.

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Scope & Assumptions
- 1.3. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Snapshot

CHAPTER 3. BIO-BASED POLYPROPYLENE MARKET VARIABLES, TRENDS & SCOPE

- 3.1. Market segmentation
- 3.2. Market size and growth prospects, 2014 - 2025
- 3.3. Value chain analysis
- 3.4. Raw material analysis
- 3.5. Market dynamics
 - 3.5.1. Market driver analysis
 - 3.5.2. Market restraint analysis
 - 3.5.3. Market opportunity analysis
- 3.6. Key industry trends
- 3.7. Key opportunities prioritized
- 3.8. Bio-Based Polypropylene Potential Buyer Analysis
- 3.9. Industry analysis - Porter's
- 3.10. PESTEL analysis, 2016
- 3.11. Bio-Based Polymer Production

CHAPTER 4. BIO-BASED POLYPROPYLENE MARKET: APPLICATION ESTIMATES & TREND ANALYSIS

- 4.1. Bio-Based Polypropylene market: Application movement analysis, 2016 & 2025
- 4.2. Injection
 - 4.2.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)
- 4.3. Textile
 - 4.3.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)
- 4.4. Films

- 4.4.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)
- 4.5. Others
 - 4.5.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)

CHAPTER 5. BIO-BASED POLYPROPYLENE MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 5.1. Bio-Based Polypropylene: Regional movement analysis, 2016 & 2025
- 5.2. North America
 - 5.2.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)
 - 5.2.2. Market estimates and forecasts, by application, 2014 - 2025 (Kilotons) (USD Million)
- 5.3. Europe
 - 5.3.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)
 - 5.3.2. Market estimates and forecasts, by application, 2014 - 2025 (Kilotons) (USD Million)
- 5.4. Asia Pacific
 - 5.4.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)
 - 5.4.2. Market estimates and forecasts, by product, 2014 - 2025 (Kilotons) (USD Million)
- 5.5. Rest of the World
 - 5.5.1. Market estimates and forecasts, 2014 - 2025 (Kilotons) (USD Million)
 - 5.5.2. Market estimates and forecasts, by product, 2014 - 2025 (Kilotons) (USD Million)

CHAPTER 6. COMPETITIVE LANDSCAPE

- 6.1. Competitive Landscape
- 6.2. Vendor Landscape
- 6.3. Competitive Environment
- 6.4. Competitive Market Positioning
- 6.5. Market participation categorization

CHAPTER 7. COMPANY PROFILES

- 7.1. Global Bioenergies SA
 - 7.1.1. Company overview
 - 7.1.2. Ethanol Route
 - 7.1.3. Isopropanol Route

- 7.1.4. Artificial metabolic pathway
- 7.1.5. Financial performance
- 7.1.6. Product benchmarking
- 7.1.7. Strategic initiatives
- 7.2. The Dow Chemical Company
 - 7.2.1. Company overview
 - 7.2.2. Financial performance
 - 7.2.3. Product benchmarking
 - 7.2.4. Strategic initiatives
- 7.3. Braskem S.A.
 - 7.3.1. Company overview
 - 7.3.2. Financial performance
 - 7.3.3. Product benchmarking
 - 7.3.4. Strategic initiatives
- 7.4. Trellis Earth Products, Inc.
 - 7.4.1. Company overview
 - 7.4.2. Comparison of Cereplast bio-based PP with synthetic PP
 - 7.4.3. Financial performance
 - 7.4.4. Product benchmarking
 - 7.4.5. Strategic initiatives
- 7.5. Biobent Polymers
 - 7.5.1. Company overview
 - 7.5.2. Financial performance
 - 7.5.3. Product benchmarking
 - 7.5.4. Strategic initiatives

List Of Tables

LIST OF TABLES

Table 1 Bio PP v/s other biopolymers

Table 2 Company production capacities

Table 3 Potential buyers, by application

Table 4 Cost comparison between the derivatives of shale gas, crude oil and bio-based (2015)

Table 5 Time frame and cost comparison between synthetic PP and bio-PP

Table 6 Bio-based polymer, by polymer, 2020

Table 7 Bio-based PP market volume and revenue estimates in injection, 2014 - 2025 (Kilotons) (USD Million)

Table 8 Bio-based PP market volume and revenue estimates in textile, 2014 - 2025 (Kilotons) (USD Million)

Table 9 Bio-based PP market volume and revenue estimates in films, 2014 - 2025 (Kilotons) (USD Million)

Table 10 Bio-based PP market volume and revenue estimates in other applications, 2014 - 2025 (Kilotons) (USD Million)

Table 11 North America bio-based PP market volume, by application, 2014 - 2025 (Kilotons)

Table 12 North America bio-based PP market revenue, by application, 2014 - 2025 (USD million)

Table 13 Europe bio-based PP market volume, by application, 2014 - 2025 (Kilotons)

Table 14 Europe bio-based PP market revenue, by application, 2014 - 2025 (USD million)

Table 15 Asia Pacific bio-based PP market volume, by application, 2014 - 2025 (Kilotons)

Table 16 Asia Pacific bio-based PP market revenue, by application, 2014 - 2025 (USD million)

Table 17 RoW bio-based PP market volume, by application, 2014 - 2025 (Kilotons)

Table 18 RoW bio-based PP market revenue, by application, 2014 - 2025 (USD million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Market summary
- Fig. 2 Bio-Based Polypropylene - Market segmentation & scope
- Fig. 3 Bio-based polypropylene - Value chain analysis
- Fig. 4 Bio-based polypropylene - Market dynamics
- Fig. 5 Market driver relevance analysis (Current & future impact)
- Fig. 6 North America lightweight automotive materials demand, 2008, 2013 & 2015 (Million Tons)
- Fig. 7 Global automobile production, 2010 - 2016, (Million Units)
- Fig. 8 Global automotive materials breakdown, by volume, 2015 & 2020
- Fig. 9 Greenhouse gas emissions (as CO₂) for various petro and biopolymers, 2015
- Fig. 10 Market restraint relevance analysis (Current & future impact)
- Fig. 11 Comparison between petroleum cracking and shale gas cracking, 2015
- Fig. 12 Global shale gas market volume, by region, 2015 & 2020
- Fig. 13 PESTEL Analysis,
- Fig. 14 Porter's Five Forces Analysis
- Fig. 15 Manufacturing methods for bio-based propylene
- Fig. 16 Global biodiesel production, 2005 - 2015 (Billion liters)
- Fig. 17 Bio-based polypropylene market: Application movement analysis, 2015 & 2025
- Fig. 18 Regional market place: Key takeaways
- Fig. 19 Bio-based PP market: Regional movement analysis, 2015 & 2025
- Fig. 20 North America bio-based PP market volume and revenue estimates, 2014 - 2025 (Kilo tons) (USD million)
- Fig. 21 Europe market revenue and volume estimates, 2014 - 2025 (Kilo tons) (USD million)
- Fig. 22 Asia Pacific market revenue and volume estimates, 2014 - 2025 (Kilo tons) (USD million)
- Fig. 23 RoW market revenue and volume estimates, 2014 - 2025 (Kilo tons) (USD million)
- Fig. 24 Bio-based propylene production through ethanol
- Fig. 25 Bio-based propylene production through isopropanol
- Fig. 26 Bio-based propylene production through artificial metabolic pathway

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