

# **Bio-Polypropylene Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

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## **Abstracts**

The global bio-polypropylene market size reached US\$ 42.9 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 58.6 Million by 2028, exhibiting a growth rate (CAGR) of 5.9% during 2023-2028.

Bio-polypropylene is a polymer made from natural materials which include corn, sugar cane, vegetable oil, and other bio-masses. The properties of bio-polypropylene and synthetic polypropylene are similar. Bio-polypropylene, also known as PP, is a thermostatic polymer which has found its application in injection molding, textiles, film, packaging industry, bottles, Rubik's Cube stickers, polymer banknotes, etc. The conventional polypropylene is made from petroleum and results in emission of large amount of greenhouse gases. However, bio-polypropylene is developed from sugar cane and other natural materials and are an eco-friendlier option compared to the conventional ones. Bio-polypropylenes have a higher melting point which also makes them eligible to be used in various plastic products such as medical apparatuses and dishwasher safe containers. They are preferred for their strength, durability, and resistance to heat and stiffness.

### **Bio-Polypropylene Market Trends:**

A major factor driving the demand of bio-polypropylene is the fact that Injection molded parts made from this polymer are light in weight. This has resulted in the automotive sector being a major driver of this polymer. A rising trend of adopting biopolymers to reduce the overall weight of the automobiles coupled with efforts to minimize carbon emission is driving the demand of bio-polypropylene in this sector. For instance, General Motors is using bio-polypropylene in the Cadillac DeVille for seatbacks and in the Chevrolet Impala for trim and shelving. Similarly, Ford is using bio-polypropylene for

interior storage bins in the Ford Flex and for the loadfloor in the Focus BEV. Apart from the automobile industry, bio-polypropylene also finds its applications in textiles, films, food packaging, etc. This is also expected to catalyze its demand in the forecast period.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global bio-polypropylene market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on application.

#### Breakup by Application:

Injection Molding

Textiles

Films

Others

Based on the application, the market has been segmented into injection molding, textiles, films and others. Injection molding currently represents the biggest application.

#### Regional Insights:

Europe

North America

Asia Pacific

Middle East and Africa

Latin America

Region-wise, the market has been segmented into Europe, North America, Asia Pacific, Middle East and Africa, and Latin America. Amongst these, Europe is the biggest market, accounting for the majority of the global market.

#### Competitive Landscape:

The competitive landscape of the market has also been examined with some of the key players being Braskem S.A., Biobent Management Services, Inc., The Dow Chemical Company, Global Bioenergies, Trellis Earth Products, Inc., Japan Polypropylene Corporation, Reliance Industries Limited, LyondellBasell Industries Holdings N.V., Exxon Mobil Corporation, and Ineos AG.

This report provides a deep insight into the global bio-polypropylene market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the bio-polypropylene market in any manner.

#### Key Questions Answered in This Report:

How has the global bio-polypropylene market performed so far and how will it perform in the coming years?

What are the key regional markets in the global bio-polypropylene industry?

What has been the impact of COVID-19 on the global bio-polypropylene market?

What is the breakup of the global bio-polypropylene market on the basis of application?

What are the various stages in the value chain of the global bio-polypropylene market?

What are the key driving factors and challenges in the global bio-polypropylene market?

What is the structure of the global bio-polypropylene market and who are the key players?

What is the degree of competition in the global bio-polypropylene market?

How is bio-polypropylene manufactured?

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