

Bio-Plastics Markets 2012

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Abstracts

In this report NanoMarkets analyzes and quantifies the business opportunities available for Bio plastics in the polymer industry and along with it, discuss their applications. We also discuss the major players in the Bio plastic space and also identify the latest trends in Bio plastics. Apart from sharing the market share region wise, we have highlighted the market share based on the major types of Bio plastics. The focal point is on the following resin chemistries:

Polylactic acid (PLA)

Thermoplastic starch

Bio-polyamides

Poly hydroxyalkanoates (PHA)

Cellulose

Bio-polyethylene

Bio-polyethylene terephthalate (PET)

For the past 2 years starch based Bio plastics and PLA based Bio plastics have witnessed increased growth. The demand for starch based and PLA based Bio plastics will rise by 2 times in the next 2 years, but with PHA having entered into commercial scale it has given route to its use in many Bio plastic applications because of its numerous unique properties. Many projects are going on which cater to the entry of Bio plastics into medical, electronics and automotive applications and NanoMarkets expects

a slew of innovative products to be launched in Bio plastics in the coming years.

This report provides the key decision makers with the current developments in the Bio plastics, the market potential and the growth for next 8 years. The data would be a driver for the fast growing Polymer Industry as we have provided insights into the use of renewable resources to create monomers that replace fossil-based monomers, such as feedstock's made from sugarcane that are used to manufacture polyester and polyethylene. These resources could enable many fossil based product manufacturers to change their direction towards Bio plastics in the future and also have thrown light onto the issues (climate change, littering, unawareness of the benefits of the bio plastics, feedstock availability and municipality actions) which exist in the present Bio plastics markets.

Contents

EXECUTIVE SUMMARY

- E.1 Bio-Plastics: State of the Industry
- E.2 Opportunities for Bio-plastics by Application
 - E.2.1 New Business Revenues for Bio-plastics from the Packaging Sector
 - E.2.2 Emerging Non-Packaging Opportunities for Bio-plastics
- E.3 Opportunities for Bio-Plastics by Type of Material
 - E.3.1 Starch-based Bio-plastics
 - E.3.2 PLA
 - E.3.3 Bio-PE
 - E.3.4 Bio-PET
 - E.3.5 Bio-polyamide (PA)
 - E.3.6 Bio-PHA
 - E.3.7 Bio-based Succinic Acid
 - E.3.8 Next-Generation Bio-plastics and Feedstocks
- E.4 Firms and Markets to Watch in the Bio-plastics Space
 - E.4.1 Asia Becoming the Center of Bio-Plastics Production
 - E.4.2 Russian Companies Moving into Bio-Plastics
 - E.4.3 Arkema (France)
 - E.4.4 Avantium (Netherlands)
 - E.4.5 BASF (Germany)
 - E.4.6 Braskem (Brazil)
 - E.4.7 Dow Chemical Company (U.S.)
 - E.4.8 Green Dot Holdings (U.S.)
 - E.3.7 Hisun Biomaterials (China)
 - E.4.9 Innovia Films (U.K.)
 - E.4.10 M&G Group (Italy)
 - E.4.11 Metabolix (U.S.)
 - E.3.11 NatureWorks (U.S.)
 - E.4.12 Novamont (Italy)
 - E.4.13 PTT Global Chemical Public Company, Ltd (Thailand)
 - E.4.14 Purac (Netherlands)
 - E.4.15 Showa Denko K.K (SDK) (Japan)
 - E.4.16 Teijin (Japan)
 - E.4.17 Uhde Inventa-Fischer (Germany)
- E.5 Summary of Eight-Year Forecasts of Bio-Plastics Markets

CHAPTER ONE: INTRODUCTION TO BIO-PLASTICS

- 1.1 Background to this Report
 - 1.1.1 Emerging Markets to Power the Growth in Bio-Plastics
 - 1.1.2 What is Driving Bio-Plastics Awareness and Growth?
 - 1.1.3 Long-Term Challenges for the Bio-Plastics Industry
- 1.2 Objectives and Scope of this Report
- 1.3 Methodology of this Report
- 1.4 Plan of this Report

CHAPTER TWO: BIO-PLASTIC MATERIALS AND TECHNICAL TRENDS

- 2.1 A Coming Boom in Bio-Plastics?
- 2.2 Current Challenges in the Bio-Plastics Market
- 2.3 Starch-Based Bio-Plastics
 - 2.3.1 Technical Trends, Commercialization, Applications for Starch-based Bio-Plastics
 - 2.3.2 Major Suppliers of Starch-Based Bio-Plastics
- 2.4 Bio-Polyesters
 - 2.4.1 Polylactic Acid and Polyhydroxy Alkanoates
 - 2.4.2 Technical Trends, Commercialization and Applications for Cellulose-Based Bio-Plastics and Bio-Polyesters
 - 2.4.3 Major Suppliers of Cellulose-Based Bio-Plastics and Bio-Polyesters
- 2.5 Bio-Polymers
 - 2.5.1 Bio-Derived Polyethylene
 - 2.5.2 Bio-Derived Polyamides
 - 2.5.3 Other Biopolymers (Sugar-Based Biopolymers)
- 2.6 Novel Bio-Based Feedstocks for Bio-Plastics
 - 2.6.1 Seaweed-Based Bio-Plastics
 - 2.6.2 Polymers from CO₂
- 2.7 Chinese Activity in the Bio-Plastics Market
 - 2.7.1 Other Notable Chinese Companies Active in the Bio-Plastics Market
- 2.8 Key Points from this Chapter

CHAPTER THREE: MARKET ASSESSMENT AND EIGHT-YEAR FORECASTS OF THE BIO-PLASTICS MARKET

- 3.1 Key Drivers for the Bio-Plastics Industry
 - 3.1.1 Large Retailers
 - 3.1.2 Public Awareness of the Need to Use Lower-Carbon Footprint Bio-Plastics

- 3.1.3 Advances in the Performance Properties of Bio-Plastics
- 3.1.4 Government Supported Incentives, Policies, and Directives
- 3.2 Forecasting Assumptions Used in this Report
 - 3.2.1 Macroeconomic and Regulatory Assumptions
 - 3.2.2 Sources of Information
 - 3.2.3 Assumptions about Pricing and Units of Measurement
 - 3.2.4 Alternative Scenarios
- 3.3 Eight-Year Forecasts of the Bio-Plastics Market
 - 3.3.1 Food Industry Applications for Bio-plastics
 - 3.3.2 Medical and Pharmaceutical Applications for Bio-plastics
 - 3.3.3 Other Applications for Bio-plastics
 - 3.3.4 Summary of NanoMarkets' Forecasts for Bio-Plastics by Application
 - 3.3.5 Emerging and Future Applications for Bio-plastics
 - 3.3.6 Forecast for Bio-Plastics by Type of Material
 - 3.3.7 Forecast of the Bio-Plastics Market by Geographical Region
 - 3.3.8 Summary Forecasts for Bio-Plastics
- 3.4 Key Points from this Chapter
- Acronyms and Abbreviations Used In this Report
- About the Author

List Of Exhibits

LIST OF EXHIBITS

- Exhibit E-1: Global Forecast of the Bio-plastics Market
- Exhibit 2-1: Existing & Emerging End-Use Applications
- Exhibit 2-2: Characteristics of Mater-Bi Bio-Plastics
- Exhibit 2-3: Cereplast Biopropylene vs. PP Homopolymer
- Exhibit 2-4: Grades & Applications of NatrueWorks' Ingeo Bio-Polymer
- Exhibit 2-5: NatureFlex NK Film Structure
- Exhibit 2-6: Characteristics of Ecological Plastic (Bio-PET) from Toyota
- Exhibit 3-1: Current Specifications and Testing Standards for Bio-Plastics
- Exhibit 3-2: Organizations that Certify Bio-plastics
- Exhibit 3-3: Worldwide Bio-plastics Demand in the Food Industry by Application
- Exhibit 3-4: Worldwide Bio-plastics Demand in the Food Industry by Resin Type
- Exhibit 3-5: Worldwide Bio-plastics Demand in the Medical & Pharmaceutical Industry by Application
- Exhibit 3-6: Worldwide Bio-plastics Demand in the Medical & Pharmaceutical Industries by Selected Resin Type
- Exhibit 3-7: Worldwide Demand for Bio-plastics in Other Applications (Metric Tons)
- Exhibit 3-8: Worldwide Bio-plastics Demand in the Electronics Industry by Selected Resin Type
- Exhibit 3-9: Worldwide Demand for Bio-plastics in the Tire & Automotive Industries by Selected Resin Type
- Exhibit 3-10: Global Bio-plastics Demand by Application
- Exhibit 3-11: Global Bio-plastics Demand by Application and Resin Type (Volume in Metric Tons)
- Exhibit 3-12: Global Bio-plastics Demand by Type of Material
- Exhibit 3-13: Global Bio-plastics Demand by Type of Resin (Volume in Metric Tons)
- Exhibit 3-14: Global Bio-plastics Demand by Type of Resin (\$ Millions)
- Exhibit 3-15: Forecast of Bio-plastics Production by Region (Metric Tons)
- Exhibit 3-16: Forecasts of Bio-plastics Consumption by Region (Metric Tons)
- Exhibit 3-17: Forecast of Bio-plastics Consumption by Region (\$ Millions)
- Exhibit 3-18: Forecast of Bio-plastics Consumption by Country (Metric Tons)
- Exhibit 3-19: Forecast of Bio-plastics Consumption by Country (\$ Millions)
- Exhibit 3-20: Global Forecast of the Bio-plastics Market

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