

Global Polylactic Acid Market by Country (United States, Canada, India, China, Japan, United Kingdom), Company Profiles, Share, Trends, Analysis, Size, Opportunities, Segmentation and Forecast 2015 – 2021

<https://marketpublishers.com/r/GA4EE032C69EN.html>

Date: August 2015

Pages: 106

Price: US\$ 4,000.00 (Single User License)

ID: GA4EE032C69EN

Abstracts

Polylactic acid (PLA) is a biodegradable material with rigidity and clarity similar to polystyrene (PS) or polyethylene terephthalate (PET) and is used in applications such as packaging, catering, agriculture, automobiles etc. PLA is one of the best products in emerging bioplastic market because of its availability specifically in regions where there is more demand such as the US, Europe, China, Japan and Thailand. Natural polymers, biopolymers, and synthetic polymers based on renewable resources are the basis for the twenty-first century portfolio of sustainable, eco-efficient plastics. These materials will replace petroleum-based polymers such as HDPE, PET, PPetc., which are used in similar applications.

PLA is relatively new and emerging market. Developed countries such as the US and Europe are the largest market for PLA; however, developing Asian nations such as China and Thailand are also becoming lucrative destinations for the PLA market. Raw material availability, infrastructure development, favorable government policies and awareness of environmental benefits of PLA are the major drivers for the PLA market in different geographies.

PLA has wide range of applications such as packaging, agriculture, catering, automobile, electronics, 3d printing, medical implants and construction materials. The market is growing at a CAGR of over 20% with construction material application growing at the fastest pace.

1. Natureworks Llc
2. BASF
3. Zhejiang Hisun Biomaterials Co., Ltd.
4. Futerro
5. Synbra
6. Teijin
7. Mitubishi holding corporation

This Occams Research Report covers

1. Historical data
2. Revenue forecasts, growth rates and CAGR upto 2021
3. Industry Analysis
4. Competitive Analysis
5. Key geographic growth data
6. Deep profiles top competitive companies

Contents

CHAP 1. POLYLACTIC ACID MARKET OVERVIEW

- 1.1. What Is Polylactic Acid (PLA)?
- 1.2. Value Chain Analysis Of The PLA Market
 - 1.2.1. Raw Material Producers
 - 1.2.2. Raw Material Suppliers
 - 1.2.3. Manufacturers
 - 1.2.4. Distributors
 - 1.2.5. Plastic Converters (Consumers)
- 1.3. Key Buying Criteria

CHAP 2. KEY MOTIVATORS OF PLA MARKET

- 2.1. Favorable Government Policies Are Driving The Market
- 2.2. Renewable Raw Materials And Availability Of Raw Materials
- 2.3. Rising Petroleum Prices Driving PLA Raw Materials
- 2.4. New Technology Enabled PLA Competes With Traditional Polymers
- 2.5. End Of Life Applications
 - 2.5.1. Composting
 - 2.5.2. Feedstock Recycling
 - 2.5.3. Recycling
 - 2.5.4. Near-Infrared (Nir)
 - 2.5.5. Black Light Illumination
 - 2.5.6. Incineration
 - 2.5.7. Landfill

CHAP 3. KEY FACTORS RESTRICTING THE GROWTH OF PLA MARKET

- 3.1. Using Edible Raw Material Remains A Social Issue
- 3.2. PLA Is Only Compostable In Industrial Composting Facilities
 - 3.2.1. Feedstock Being Used For Other Applications
- 3.3. Competitive Market
 - 3.3.1. Big Companies Are Quitting PLA Market

CHAP 4. KEY CHALLENGES FOR PLA MARKET

- 4.1. Low Awareness In Developing Countries

- 4.2. Difficult To Identify PLA Products In Waste Streams
- 4.3. Cost Reduction Of PLA Is A Big Challenge
- 4.4. Thermal And Mechanical Properties Of PLA Are A Challenge
- 4.5. Opportunity Of New Business Line For Existing Companies

CHAP 5. APPLICATIONS OF PLA

- 5.1. PLA Has Wide Range Of Applications
 - 5.1.1. Packaging
 - 5.1.2. Catering
 - 5.1.3. Agriculture
 - 5.1.4. Technical Materials
 - 5.1.5. Consumer Goods
 - 5.1.6. Construction Material
 - 5.1.7. Others

CHAP 6. RAW MATERIAL ANALYSIS

- 6.1. Segmentation Based On Raw Materials

CHAP 7. BIOPLASTICS: SECTOR ANALYSIS

- 7.1.1. Bio-Pet
- 7.1.2. Bio-PE
- 7.1.3. Pha
- 7.1.4. Regenerated Cellulose

CHAP 8. MARKET SHARE

- 8.1. Company Analysis
 - 8.1.1. Natureworks Llc
 - 8.1.2. Mitsubishi Chemicals
 - 8.1.3. Zhejiang Hisun Biomaterials Co. Ltd.
 - 8.1.4. Futerro
 - 8.1.5. Synbra
 - 8.1.6. Teijin

CHAP 9. GEOGRAPHY ANALYSIS

9.1. Geography Analysis

9.2. North America

9.2.1. United States Of America

9.2.2. Raw Materials

9.2.3. Infrastructure Capabilities

9.2.4. Restraints

9.2.4.1. Cost Structure And Competitive Environment

9.2.4.2. Well established Resin Industry Is Driving PLA

9.2.4.3. Challenge

9.3. Canada

9.3.1. Government Policies For Bioplastics

9.3.2. Agriculture

9.3.3. Restraints

9.3.3.1. Established Market For Conventional Plastics

9.3.3.2. Infrastructure Requirement

9.3.3.3. Opportunities

9.4. Europe

9.4.1.1. Government Policies

9.4.1.2. Price Of Raw Material Is A Key Restraint For European Bioplastics

9.4.2. Challenges

9.4.2.1. Alternative Raw Material Will Reduce The Cost Of Production

9.5. APAC

9.5.1. China

9.5.1.1. Key Motivators

9.5.1.2. Restraint Of PLA Market

9.5.2. India

9.5.3. Japan

9.5.3.1. Electronics

9.5.3.2. Key Restraints Of PLA Market

9.5.4. Korea

9.5.4.1. Drivers

9.5.4.2. Infrastructure Development

9.6. RoW

9.6.1. Brazil

CHAP 10. MARKET STRATEGIES

10.1. PLA Is Marketed As Eco-Friendly Product

10.2. Innovative New Products And Process Making PLA Even Better And Stronger

- 10.3. Asia Pacific: New Destination For Bioplastic Industry
- 10.4. Brazilian Sugarcane Is Attracting Bioplastic Companies
 - 10.4.1. Large Consumer Group In Europe Driving Bioplastic Market
- 10.5. Companies Are Developing New Products By Collaborating On R&D
- 10.6. Joint Ventures And Collaborations Leading The Market
- 10.7. Product Launches
- 10.8. Strategic Recommendation
 - 10.8.1. New Market Expansion
 - 10.8.2. 3d Printing Market Is Emerging Market With Great Potential

CHAP 11. CORPORATE PROFILES

- 1. Natureworks Llc
- 2. BASF
- 3. Zhejiang Hisun Biomaterials Co., Ltd.
- 4. Futerro
- 5. Synbra
- 6. Teijin
- 7. Henan Jindan Lactic Acid Company Limited
- 8. Danimer Scientific
- 9. Musashino Chemical (China) Co., Ltd
- 10. Ningxia Hypow Bio-Technology Co., Ltd.
- 11. Dow Chemicals
- 12. Thyssenkrupp
- 13. Solegear
- 14. Bioapply Polymer
- 15. Sulzer
- 16. Xiaogan Kaifeng Bioengineering Co
- 17. Finasucre
- 18. Yun Chi PLAstics Fabrication Co. Ltd
- 19. PLA Fibers
- 20. Braskem
- 21. CerePLAst
- 22. Fkur Kunststoff Gmbh
- 23. Green Dot Holdings Llc
- 24. Innovia Films
- 25. Biosphere PLAstic
- 26. Biobent Polymers
- 27. Showa Denko

List Of Tables

LIST OF TABLES

Table 1 Btu Value Of Different Fuel

Table 2 PLA Market By Product

Table 3 PLA Packaging Market, By Geography

Table 4 Plastics Comparison Chart

Table 5 PLA Catering Market, By Geography

Table 6 PLA Agriculture Market, By Geography

Table 7 PLA Technical Material Market, By Geography

Table 8 PLA Consumer Goods Market, By Geography

Table 9 PLA Construction Material Market, By Geography

Table 10 Production Of Raw Materials

Table 11 Comparative Price Of Raw Material For 1kg PLA Production

Table 12 By Products And Food Waste Used For PLA Production

Table 13 Production Capacity Of Key Players

Table 14 Key Motivators And Restraint Of Different Geography

Figures

FIGURES LIST

- Figure 1 Value Chain Analysis
- Figure 2 Sugarcane And Corn Production (In Million Tons)
- Figure 3 Sugarcane Production — 2012
- Figure 4 Corn Production — 2012
- Figure 5 Cumulative Change In Price Of Corn, Sugar And Crude Oil
- Figure 6 Key Motivator Of PLA Market
- Figure 7 % Of Total Land Area As Agriculture Land
- Figure 8 World Population
- Figure 9 World Land Area For Different Application
- Figure 10 Comparative Land Uses (Bn Ha)
- Figure 11 Biofuel Production
- Figure 12 Different BioPlastic Made From Renewable Feedstock (2012)
- Figure 13 Growth Of PLA Applications
- Figure 14 PLA Application — 2013
- Figure 15 PLA Application — 2021
- Figure 16 Global Packaging By Type — 2012
- Figure 17 Plastic Production By Region
- Figure 18 Global Packaging By Region
- Figure 19 PLA Packaging
- Figure 20 Bioplastic Production Capacity By Material Type
- Figure 21 Market Share — 2013
- Figure 22 PLA Market By Geography — 2013
- Figure 23 PLA Market By Geography
- Figure 24 Corn Production In USA In Million Tons
- Figure 25 Corn And Wheat Production In Million Tons
- Figure 26 Wheat Production In Million Tons
- Figure 27 Global Packaging By Region
- Figure 28 Food Per Capita Net Production Index By Region (Base 2004-2006)
- Figure 29 Price Of Corn In China And USA (\$USD) (Average Price)
- Figure 30 Production In Million Ton

I would like to order

Product name: Global Polylactic Acid Market by Country (United States, Canada, India, China, Japan, United Kingdom), Company Profiles, Share, Trends, Analysis, Size, Opportunities, Segmentation and Forecast 2015 – 2021

Product link: <https://marketpublishers.com/r/GA4EE032C69EN.html>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA4EE032C69EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970