

Global PHA Market Research Report 2012-2024

<https://marketpublishers.com/r/G0F2DCF3106EN.html>

Date: July 2019

Pages: 80

Price: US\$ 2,640.00 (Single User License)

ID: G0F2DCF3106EN

Abstracts

SUMMARY

Polyhydroxyalkanoates (PHAs) are naturally-occurring polymers produced by bacteria. A variety of bacterial species produce PHAs by fermenting biomass under nutrient-limiting conditions. These water-insoluble storage polymers are biodegradable, exhibit thermoplastic properties and can be produced from renewable carbon sources found in plants. The thermoplastic properties, biodegradability and biocompatibility make these renewable materials suitable for several applications in packaging industry, medicine, pharmacy, agriculture and food industry.

The global PHA market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

PHB

PHBV

PHBHx

PHB4B

Others

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

GreenBio Materials

Shenzhen Ecomann Technology

MHG

P&G Chemicals

Metabolix

Tian'an Biopolymer

Kaneka

Biomer

Newlight Technologies

PHB Industrial

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Packaging

Biomedical

Agricultural

Food Services

Others

Based on region, the report describes major regions market by products and

application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

Contents

1 MARKET OVERVIEW

1.1 Objectives of Research

1.1.1 Definition

1.1.2 Specifications

1.2 Market Segment

1.2.1 by Type

1.2.1.1 PHB

1.2.1.2 PHBV

1.2.1.3 PHBHx

1.2.1.4 PHB4B

1.2.1.5 Others

1.2.2 by Application

1.2.2.1 Packaging

1.2.2.2 Biomedical

1.2.2.3 Agricultural

1.2.2.4 Food Services

1.2.2.5 Others

1.2.3 by Regions

2 INDUSTRY CHAIN

2.1 Industry Chain Structure

2.2 Upstream

2.3 Market

2.3.1 SWOT

2.3.2 Dynamics

3 ENVIRONMENTAL ANALYSIS

3.1 Policy

3.2 Economic

3.3 Technology

3.4 Market Entry

4 MARKET SEGMENTATION BY TYPE

4.1 Market Size

- 4.1.1 PHB Market, 2013-2018
- 4.1.2 PHBV Market, 2013-2018
- 4.1.3 PHBHx Market, 2013-2018
- 4.1.4 PHB4B Market, 2013-2018
- 4.1.5 Others Market, 2013-2018

4.2 Market Forecast

- 4.2.1 PHB Market Forecast, 2019-2024
- 4.2.2 PHBV Market Forecast, 2019-2024
- 4.2.3 PHBHx Market Forecast, 2019-2024
- 4.2.4 PHB4B Market Forecast, 2019-2024
- 4.2.5 Others Market Forecast, 2019-2024

5 MARKET SEGMENTATION BY APPLICATION

5.1 Market Size

- 5.1.1 Packaging Market, 2013-2018
- 5.1.2 Biomedical Market, 2013-2018
- 5.1.3 Agricultural Market, 2013-2018
- 5.1.4 Food Services Market, 2013-2018
- 5.1.5 Others Market, 2013-2018

5.2 Market Forecast

- 5.2.1 Packaging Market Forecast, 2019-2024
- 5.2.2 Biomedical Market Forecast, 2019-2024
- 5.2.3 Agricultural Market Forecast, 2019-2024
- 5.2.4 Food Services Market Forecast, 2019-2024
- 5.2.5 Others Market Forecast, 2019-2024

6 MARKET SEGMENTATION BY REGION

6.1 Market Size

- 6.1.1 Asia-Pacific
 - 6.1.1.1 Asia-Pacific Market, 2012-2018
 - 6.1.1.2 Asia-Pacific Market by Type
 - 6.1.1.3 Asia-Pacific Market by Application
- 6.1.2 North America
 - 6.1.2.1 North America Market, 2012-2018
 - 6.1.2.2 North America Market by Type
 - 6.1.2.3 North America Market by Application

6.1.3 Europe

6.1.3.1 Europe Market, 2012-2018

6.1.3.2 Europe Market by Type

6.1.3.3 Europe Market by Application

6.1.4 South America

6.1.4.1 South America Market, 2012-2018

6.1.4.2 South America Market by Type

6.1.4.3 South America Market by Application

6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2012-2018

6.1.5.2 Middle East & Africa Market by Type

6.1.5.3 Middle East & Africa Market by Application

6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2019-2024

6.2.2 North America Market Forecast, 2019-2024

6.2.3 Europe Market Forecast, 2019-2024

6.2.4 South America Market Forecast, 2019-2024

6.2.5 Middle East & Africa Market Forecast, 2019-2024

7 MARKET COMPETITIVE

7.1 Global Market by Vendors

7.2 Market Concentration

7.3 Price & Factors

7.4 Marketing Channel

8 MAJOR VENDORS

8.1 GreenBio Materials

8.2 Shenzhen Ecomann Technology

8.3 MHG

8.4 P&G Chemicals

8.5 Metabolix

8.6 Tian'an Biopolymer

8.7 Kaneka

8.8 Biomer

8.9 Newlight Technologies

8.10 PHB Industrial

9 CONCLUSION

List Of Tables

LIST OF TABLES

- Table Product Specifications of PHA
- Table Products Segment of PHA
- Table PHB Overview
- Table PHBV Overview
- Table PHBHx Overview
- Table PHB4B Overview
- Table Others Overview
- Table Global PHA Market by Type, 2011-2022 (USD Million)
- Table Application Segment of PHA
- Table Packaging Overview
- Table Biomedical Overview
- Table Agricultural Overview
- Table Food Services Overview
- Table Others Overview
- Table Global PHA Market by Application, 2011-2022 (USD Million)
- Table Global PHA Market by Region, 2011-2022 (USD Million)
- Table Cost of PHA
- Table Market Dynamics
- Table Policy of PHA
- Table GDP of Major Countries
- Table PHB CAGR by Revenue and Volume, 2012-2018
- Table PHBV CAGR by Revenue and Volume, 2012-2018
- Table PHBHx CAGR by Revenue and Volume, 2012-2018
- Table PHB4B CAGR by Revenue and Volume, 2012-2018
- Table Others CAGR by Revenue and Volume, 2012-2018
- Table PHB CAGR by Revenue and Volume, 2012-2024
- Table PHBV CAGR by Revenue and Volume, 2012-2024
- Table PHBHx CAGR by Revenue and Volume, 2012-2024
- Table PHB4B CAGR by Revenue and Volume, 2012-2024
- Table Others CAGR by Revenue and Volume, 2012-2024
- Table Packaging CAGR by Revenue and Volume, 2012-2018
- Table Biomedical CAGR by Revenue and Volume, 2012-2018
- Table Agricultural CAGR by Revenue and Volume, 2012-2018
- Table Food Services CAGR by Revenue and Volume, 2012-2018
- Table Others CAGR by Revenue and Volume, 2012-2018

Table Global PHA Market by Vendors, 2012-2018 (USD Million)
Table Global PHA Market by Vendors, 2012-2018 (in Volume)
Table Global PHA Market Share by Vendors, 2012-2018 (USD Million)
Table Global PHA Market Share by Vendors, 2012-2018 (in Volume)
Table Price Factors List
Table GreenBio Materials Profile List
Table Microecological Modulator Operating Data of GreenBio Materials (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Shenzhen Ecomann Technology Profile List
Table Microecological Modulator Operating Data of Shenzhen Ecomann Technology (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table MHG Profile List
Table Microecological Modulator Operating Data of MHG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table P&G Chemicals Profile List
Table Microecological Modulator Operating Data of P&G Chemicals (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Metabolix Profile List
Table Microecological Modulator Operating Data of Metabolix (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Tian'an Biopolymer Profile List
Table Microecological Modulator Operating Data of Tian'an Biopolymer (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Kaneka Profile List
Table Microecological Modulator Operating Data of Kaneka (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Biomer Profile List
Table Microecological Modulator Operating Data of Biomer (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Newlight Technologies Profile List
Table Microecological Modulator Operating Data of Newlight Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table PHB Industrial Profile List
Table Microecological Modulator Operating Data of PHB Industrial (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

List Of Figures

LIST OF FIGURES

Figure PHA Picture

Figure Industry Chain Structure of PHA

Figure SWOT of PHA

Figure PHB Market Size and Growth, 2012-2018 (USD Million)

Figure PHB Market Size and Growth, 2012-2018 (in Volume)

Figure PHBV Market Size and Growth, 2012-2018 (USD Million)

Figure PHBV Market Size and Growth, 2012-2018 (in Volume)

Figure PHBHx Market Size and Growth, 2012-2018 (USD Million)

Figure PHBHx Market Size and Growth, 2012-2018 (in Volume)

Figure PHB4B Market Size and Growth, 2012-2018 (USD Million)

Figure PHB4B Market Size and Growth, 2012-2018 (in Volume)

Figure Others Market Size and Growth, 2012-2018 (USD Million)

Figure Others Market Size and Growth, 2012-2018 (in Volume)

Figure PHB Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure PHB Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure PHBV Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure PHBV Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure PHBHx Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure PHBHx Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure PHB4B Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure PHB4B Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Others Market Estimates and Forecasts, 2019-2024 (USD Million)

Figure Others Market Estimates and Forecasts, 2019-2024 (in Volume)

Figure Packaging Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Biomedical Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Agricultural Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Food Services Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Others Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)

Figure Asia-Pacific Market Size by Type
Figure Asia-Pacific Market Share by Type
Figure Asia-Pacific Market Size by Application
Figure Asia-Pacific Market Share by Application
Figure North America Market Size and Growth, 2012-2018 (USD Million)
Figure North America Market Size and Growth, 2012-2018 (in Volume)
Figure North America Market Size by Type
Figure North America Market Share by Type
Figure North America Market Size by Application
Figure North America Market Share by Application
Figure Europe Market Size and Growth, 2012-2018 (USD Million)
Figure Europe Market Size and Growth, 2012-2018 (in Volume)
Figure Europe Market Size by Type
Figure Europe Market Share by Type
Figure Europe Market Size by Application
Figure Europe Market Share by Application
Figure South America Market Size and Growth, 2012-2018 (USD Million)
Figure South America Market Size and Growth, 2012-2018 (in Volume)
Figure South America Market Size by Type
Figure South America Market Share by Type
Figure South America Market Size by Application
Figure South America Market Share by Application
Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)
Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)
Figure Middle East & Africa Market Size by Type
Figure Middle East & Africa Market Share by Type
Figure Middle East & Africa Market Size by Application
Figure Middle East & Africa Market Share by Application
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure PHA Market Concentration by Region

Figure Marketing Channels Overview

I would like to order

Product name: Global PHA Market Research Report 2012-2024

Product link: <https://marketpublishers.com/r/G0F2DCF3106EN.html>

Price: US\$ 2,640.00 (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/G0F2DCF3106EN.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