

# Global Fully Biodegradable Polyglycolic Acid (PGA) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Fully Biodegradable Polyglycolic Acid (PGA) market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Polyglycolide or poly(glycolic acid) (PGA), also spelled as polyglycolic acid is a biodegradable, semi-crystalline thermoplastic. It is also the simplest linear, aliphatic polyester. PGA resins are known for their excellent gas barrier properties, relative high strength, and excellent biodegradability. Some grades have a biodegradation rate similar to cellulose and decompose under composting conditions into CO<sub>2</sub> and water within one month.

Industrial-grade PGA is mainly used in shale gas and oil extraction, building materials, packaging materials, etc., and the price is relatively low.

This report is a detailed and comprehensive analysis for global Fully Biodegradable Polyglycolic Acid (PGA) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Fully Biodegradable Polyglycolic Acid (PGA) market size and forecasts, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Fully Biodegradable Polyglycolic Acid (PGA) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Fully Biodegradable Polyglycolic Acid (PGA) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kilotons), and average selling prices (US\$/Ton), 2020-2031

Global Fully Biodegradable Polyglycolic Acid (PGA) market shares of main players, shipments in revenue (\$ Million), sales quantity (Kilotons), and ASP (US\$/Ton), 2020-2025

## The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Fully Biodegradable Polyglycolic Acid (PGA)
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Fully Biodegradable Polyglycolic Acid (PGA) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kureha, Shanghai Pujing Chemical, Shenzhen Polymtek Biomaterial, Danhua Technology, CHN Energy (Shannxi), Sinopec (Guizhou), Sinopec (Hubei), CHN Energy (Mengxi), Inner Mongolia Jiutai, Anhui Haoyuan, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Fully Biodegradable Polyglycolic Acid (PGA) market is split by Type and by Application.

For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### **Market segment by Type**

Superior Quality Products

Qualified Products

### **Market segment by Application**

Oil and Gas Industry

Packing Industry

Others

### **Major players covered**

Kureha

Shanghai Pujing Chemical

Shenzhen Polymtek Biomaterial

Danhua Technology

CHN Energy (Shannxi)

Sinopec (Guizhou)

Sinopec (Hubei)

CHN Energy (Mengxi)

Inner Mongolia Jiutai

Anhui Haoyuan

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Fully Biodegradable Polyglycolic Acid (PGA) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fully Biodegradable Polyglycolic Acid (PGA), with price, sales quantity, revenue, and global market share of Fully Biodegradable Polyglycolic Acid (PGA) from 2020 to 2025.

Chapter 3, the Fully Biodegradable Polyglycolic Acid (PGA) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fully Biodegradable Polyglycolic Acid (PGA) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Fully Biodegradable Polyglycolic Acid (PGA) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Fully Biodegradable Polyglycolic Acid (PGA).

Chapter 14 and 15, to describe Fully Biodegradable Polyglycolic Acid (PGA) sales channel, distributors, customers, research findings and conclusion.

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