

Global Activated Polyethylene Glycol (PEG) Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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Abstracts

PEGs have been shown to provide improved water solubility and biocompatibility in drugs and other applications, and the ability to attach a variety of reactive functional groups to the terminal positions of these polymers has greatly increased their utility. Poly(ethylene glycol) (PEG) is a synthetic, hydrophilic, biocompatible polymer with widespread use in biomedical and other applications. PEGs are synthesized using a ring-opening polymerization of ethylene oxide to produce a broad range of molecular weights and molecular weight distributions (polydispersity); however, discrete PEGs (dPEG®) are synthesized with a single, specific molecular weight. PEGs can be synthesized in linear, branched, Y-shaped, or multi-arm geometries. PEGs can be activated by the replacement of the terminal hydroxyl end group with a variety of reactive functional end groups enabling crosslinking and conjugation chemistries.

According to APO Research, The global Activated Polyethylene Glycol (PEG) market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Global activated polyethylene glycol (PEG) key players include NOF, JenKem Technology, Nektar Therapeutics, Dr. Reddy's Laboratories, Merck, etc. Global top 3 manufacturers hold a share about 60%. China is the largest market, with a share about 43%, followed by Japan and Europe, both have a share over 47 percent.

In terms of production side, this report researches the Activated Polyethylene Glycol (PEG) production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Activated Polyethylene Glycol (PEG) by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Activated Polyethylene Glycol (PEG), capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Activated Polyethylene Glycol (PEG), also provides the consumption of main regions and countries. Of the upcoming market potential for Activated Polyethylene Glycol (PEG), and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Activated Polyethylene Glycol (PEG) sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Activated Polyethylene Glycol (PEG) market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Activated Polyethylene Glycol (PEG) sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including NOF, JenKem Technology, Nektar Therapeutics, Dr. Reddy's Laboratories, Merck, Chemgen Pharma, SINOPEG, SunBio and Laysan Bio, etc.

Activated Polyethylene Glycol (PEG) segment by Company

NOF

JenKem Technology

Nektar Therapeutics

Dr. Reddy's Laboratories

Merck

Chemgen Pharma

SINOPEG

SunBio

Laysan Bio

Creative PEGWorks

Activated Polyethylene Glycol (PEG) segment by Type

Linear PEGs

Branched PEGs

Multi-Arm PEGs

Others

Activated Polyethylene Glycol (PEG) segment by Application

Pharmaceutical Industry

Medical Equipment

Others

Activated Polyethylene Glycol (PEG) segment by Region

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Activated Polyethylene

Glycol (PEG) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Activated Polyethylene Glycol (PEG) and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Activated Polyethylene Glycol (PEG).

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Activated Polyethylene Glycol (PEG) market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Activated Polyethylene Glycol (PEG) industry.

Chapter 3: Detailed analysis of Activated Polyethylene Glycol (PEG) market competition landscape. Including Activated Polyethylene Glycol (PEG) manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Activated Polyethylene Glycol (PEG) by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Activated Polyethylene Glycol (PEG) in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Activated Polyethylene Glycol (PEG) Production Value Estimates and Forecasts (2019-2030)
 - 1.2.2 Global Activated Polyethylene Glycol (PEG) Production Capacity Estimates and Forecasts (2019-2030)
 - 1.2.3 Global Activated Polyethylene Glycol (PEG) Production Estimates and Forecasts (2019-2030)
 - 1.2.4 Global Activated Polyethylene Glycol (PEG) Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 GLOBAL ACTIVATED POLYETHYLENE GLYCOL (PEG) MARKET DYNAMICS

- 2.1 Activated Polyethylene Glycol (PEG) Industry Trends
- 2.2 Activated Polyethylene Glycol (PEG) Industry Drivers
- 2.3 Activated Polyethylene Glycol (PEG) Industry Opportunities and Challenges
- 2.4 Activated Polyethylene Glycol (PEG) Industry Restraints

3 ACTIVATED POLYETHYLENE GLYCOL (PEG) MARKET BY MANUFACTURERS

- 3.1 Global Activated Polyethylene Glycol (PEG) Production Value by Manufacturers (2019-2024)
- 3.2 Global Activated Polyethylene Glycol (PEG) Production by Manufacturers (2019-2024)
- 3.3 Global Activated Polyethylene Glycol (PEG) Average Price by Manufacturers (2019-2024)
- 3.4 Global Activated Polyethylene Glycol (PEG) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Activated Polyethylene Glycol (PEG) Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Activated Polyethylene Glycol (PEG) Manufacturers, Product Type & Application
- 3.7 Global Activated Polyethylene Glycol (PEG) Manufacturers Commercialization Time
- 3.8 Market Competitive Analysis

- 3.8.1 Global Activated Polyethylene Glycol (PEG) Market CR5 and HHI
- 3.8.2 Global Top 5 and 10 Activated Polyethylene Glycol (PEG) Players Market Share by Production Value in 2023
- 3.8.3 2023 Activated Polyethylene Glycol (PEG) Tier 1, Tier 2, and Tier

4 ACTIVATED POLYETHYLENE GLYCOL (PEG) MARKET BY TYPE

- 4.1 Activated Polyethylene Glycol (PEG) Type Introduction
 - 4.1.1 Linear PEGs
 - 4.1.2 Branched PEGs
 - 4.1.3 Multi-Arm PEGs
 - 4.1.4 Others
- 4.2 Global Activated Polyethylene Glycol (PEG) Production by Type
 - 4.2.1 Global Activated Polyethylene Glycol (PEG) Production by Type (2019 VS 2023 VS 2030)
 - 4.2.2 Global Activated Polyethylene Glycol (PEG) Production by Type (2019-2030)
 - 4.2.3 Global Activated Polyethylene Glycol (PEG) Production Market Share by Type (2019-2030)
- 4.3 Global Activated Polyethylene Glycol (PEG) Production Value by Type
 - 4.3.1 Global Activated Polyethylene Glycol (PEG) Production Value by Type (2019 VS 2023 VS 2030)
 - 4.3.2 Global Activated Polyethylene Glycol (PEG) Production Value by Type (2019-2030)
 - 4.3.3 Global Activated Polyethylene Glycol (PEG) Production Value Market Share by Type (2019-2030)

5 ACTIVATED POLYETHYLENE GLYCOL (PEG) MARKET BY APPLICATION

- 5.1 Activated Polyethylene Glycol (PEG) Application Introduction
 - 5.1.1 Pharmaceutical Industry
 - 5.1.2 Medical Equipment
 - 5.1.3 Others
- 5.2 Global Activated Polyethylene Glycol (PEG) Production by Application
 - 5.2.1 Global Activated Polyethylene Glycol (PEG) Production by Application (2019 VS 2023 VS 2030)
 - 5.2.2 Global Activated Polyethylene Glycol (PEG) Production by Application (2019-2030)
 - 5.2.3 Global Activated Polyethylene Glycol (PEG) Production Market Share by Application (2019-2030)

5.3 Global Activated Polyethylene Glycol (PEG) Production Value by Application

5.3.1 Global Activated Polyethylene Glycol (PEG) Production Value by Application (2019 VS 2023 VS 2030)

5.3.2 Global Activated Polyethylene Glycol (PEG) Production Value by Application (2019-2030)

5.3.3 Global Activated Polyethylene Glycol (PEG) Production Value Market Share by Application (2019-2030)

6 COMPANY PROFILES

6.1 NOF

6.1.1 NOF Company Information

6.1.2 NOF Business Overview

6.1.3 NOF Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)

6.1.4 NOF Activated Polyethylene Glycol (PEG) Product Portfolio

6.1.5 NOF Recent Developments

6.2 JenKem Technology

6.2.1 JenKem Technology Company Information

6.2.2 JenKem Technology Business Overview

6.2.3 JenKem Technology Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)

6.2.4 JenKem Technology Activated Polyethylene Glycol (PEG) Product Portfolio

6.2.5 JenKem Technology Recent Developments

6.3 Nektar Therapeutics

6.3.1 Nektar Therapeutics Company Information

6.3.2 Nektar Therapeutics Business Overview

6.3.3 Nektar Therapeutics Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)

6.3.4 Nektar Therapeutics Activated Polyethylene Glycol (PEG) Product Portfolio

6.3.5 Nektar Therapeutics Recent Developments

6.4 Dr. Reddy's Laboratories

6.4.1 Dr. Reddy's Laboratories Company Information

6.4.2 Dr. Reddy's Laboratories Business Overview

6.4.3 Dr. Reddy's Laboratories Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)

6.4.4 Dr. Reddy's Laboratories Activated Polyethylene Glycol (PEG) Product Portfolio

6.4.5 Dr. Reddy's Laboratories Recent Developments

6.5 Merck

- 6.5.1 Merck Comapny Information
- 6.5.2 Merck Business Overview
- 6.5.3 Merck Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)
- 6.5.4 Merck Activated Polyethylene Glycol (PEG) Product Portfolio
- 6.5.5 Merck Recent Developments
- 6.6 Chemgen Pharma
 - 6.6.1 Chemgen Pharma Comapny Information
 - 6.6.2 Chemgen Pharma Business Overview
 - 6.6.3 Chemgen Pharma Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)
 - 6.6.4 Chemgen Pharma Activated Polyethylene Glycol (PEG) Product Portfolio
 - 6.6.5 Chemgen Pharma Recent Developments
- 6.7 SINOPEG
 - 6.7.1 SINOPEG Comapny Information
 - 6.7.2 SINOPEG Business Overview
 - 6.7.3 SINOPEG Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)
 - 6.7.4 SINOPEG Activated Polyethylene Glycol (PEG) Product Portfolio
 - 6.7.5 SINOPEG Recent Developments
- 6.8 SunBio
 - 6.8.1 SunBio Comapny Information
 - 6.8.2 SunBio Business Overview
 - 6.8.3 SunBio Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)
 - 6.8.4 SunBio Activated Polyethylene Glycol (PEG) Product Portfolio
 - 6.8.5 SunBio Recent Developments
- 6.9 Laysan Bio
 - 6.9.1 Laysan Bio Comapny Information
 - 6.9.2 Laysan Bio Business Overview
 - 6.9.3 Laysan Bio Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)
 - 6.9.4 Laysan Bio Activated Polyethylene Glycol (PEG) Product Portfolio
 - 6.9.5 Laysan Bio Recent Developments
- 6.10 Creative PEGWorks
 - 6.10.1 Creative PEGWorks Comapny Information
 - 6.10.2 Creative PEGWorks Business Overview
 - 6.10.3 Creative PEGWorks Activated Polyethylene Glycol (PEG) Production, Value and Gross Margin (2019-2024)

6.10.4 Creative PEGWorks Activated Polyethylene Glycol (PEG) Product Portfolio

6.10.5 Creative PEGWorks Recent Developments

7 GLOBAL ACTIVATED POLYETHYLENE GLYCOL (PEG) PRODUCTION BY REGION

7.1 Global Activated Polyethylene Glycol (PEG) Production by Region: 2019 VS 2023 VS 2030

7.2 Global Activated Polyethylene Glycol (PEG) Production by Region (2019-2030)

7.2.1 Global Activated Polyethylene Glycol (PEG) Production by Region: 2019-2024

7.2.2 Global Activated Polyethylene Glycol (PEG) Production by Region (2025-2030)

7.3 Global Activated Polyethylene Glycol (PEG) Production by Region: 2019 VS 2023 VS 2030

7.4 Global Activated Polyethylene Glycol (PEG) Production Value by Region (2019-2030)

7.4.1 Global Activated Polyethylene Glycol (PEG) Production Value by Region: 2019-2024

7.4.2 Global Activated Polyethylene Glycol (PEG) Production Value by Region (2025-2030)

7.5 Global Activated Polyethylene Glycol (PEG) Market Price Analysis by Region (2019-2024)

7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America Activated Polyethylene Glycol (PEG) Production Value (2019-2030)

7.6.2 Europe Activated Polyethylene Glycol (PEG) Production Value (2019-2030)

7.6.3 Asia-Pacific Activated Polyethylene Glycol (PEG) Production Value (2019-2030)

7.6.4 Latin America Activated Polyethylene Glycol (PEG) Production Value (2019-2030)

7.6.5 Middle East & Africa Activated Polyethylene Glycol (PEG) Production Value (2019-2030)

8 GLOBAL ACTIVATED POLYETHYLENE GLYCOL (PEG) CONSUMPTION BY REGION

8.1 Global Activated Polyethylene Glycol (PEG) Consumption by Region: 2019 VS 2023 VS 2030

8.2 Global Activated Polyethylene Glycol (PEG) Consumption by Region (2019-2030)

8.2.1 Global Activated Polyethylene Glycol (PEG) Consumption by Region (2019-2024)

8.2.2 Global Activated Polyethylene Glycol (PEG) Consumption by Region (2025-2030)

8.3 North America

8.3.1 North America Activated Polyethylene Glycol (PEG) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.3.2 North America Activated Polyethylene Glycol (PEG) Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe Activated Polyethylene Glycol (PEG) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe Activated Polyethylene Glycol (PEG) Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific Activated Polyethylene Glycol (PEG) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific Activated Polyethylene Glycol (PEG) Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Activated Polyethylene Glycol (PEG) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Activated Polyethylene Glycol (PEG) Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS

9.1 Activated Polyethylene Glycol (PEG) Value Chain Analysis

9.1.1 Activated Polyethylene Glycol (PEG) Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Activated Polyethylene Glycol (PEG) Production Mode & Process

9.2 Activated Polyethylene Glycol (PEG) Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Activated Polyethylene Glycol (PEG) Distributors

9.2.3 Activated Polyethylene Glycol (PEG) Customers

10 CONCLUDING INSIGHTS

11 APPENDIX

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

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