

# Global PDO, PTT Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global PDO, PTT market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

1, 3-propanediol (PDO) is widely used and is mainly used to produce PTT polyester. PDO is a good solvent, antifreeze agent, protective agent, mainly used in the synthesis of plasticizer, detergent, preservative, emulsifier, also used in food, cosmetics and pharmaceutical industries, the most important use is as a monomer and terephthalic acid synthesis of new polyester materials - polyterephthalate (PTT). In addition, 1, 3-propanediol can be used to prepare other saturated polyesters, such as polynaphthalene propylene glycol diformate (PTN) and copolymerized polyesters. It is used to prepare new polyurethane including foaming products, adhesives, coatings and fine chemical products (including antifreeze, powder coating, solvent, road snow melting agent, medicine, etc.). With the continuous improvement of the industrialization technology of biobase 1, 3-propanediol and the expansion of its application field, its development prospect will be very broad. 1, 3-propanediol is an important monomer raw material of PTT polyester, and its industrialization process promotes the development of PTT polyester market. The high production cost and difficult industrial production of 1, 3-propanediol limited the industrial production of PTT.

Polyterephthalate (PTT) is an important industrial polyester, which is formed by condensation of 1, 3-propanediol (PDO) and terephthalic acid (PTA) or dimethyl terephthalate (DMT). It is a semi - aromatic, semi - crystalline thermoplastic that can be easily molded, thermoformed and spun into fibers. Its mechanical and thermophysical properties are similar to those of polyethylene terephthalate (PET), and its molding properties are comparable to that of polybutylene terephthalate (PBT). For example, it

has good tensile and bending strength, good dimensional stability, and good fluidity and surface finish. Like polyethylene terephthalate, it has good chemical resistance, including gasoline, carbon tetrachloride, oil, fat, alcohols, dilute acids, and bases.

The Global Info Research report includes an overview of the development of the PDO, PTT industry chain, the market status of Industrial (PDO, PTT), Food (PDO, PTT), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of PDO, PTT.

Regionally, the report analyzes the PDO, PTT markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global PDO, PTT market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the PDO, PTT market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the PDO, PTT industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Kilo MT), revenue generated, and market share of different by Type (e.g., PDO, PTT).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the PDO, PTT market.

**Regional Analysis:** The report involves examining the PDO, PTT market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the PDO, PTT market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to PDO, PTT:

**Company Analysis:** Report covers individual PDO, PTT manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards PDO, PTT. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Industrial, Food).

**Technology Analysis:** Report covers specific technologies relevant to PDO, PTT. It assesses the current state, advancements, and potential future developments in PDO, PTT areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the PDO, PTT market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

PDO, PTT market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

PDO

PTT

## Market segment by Application

Industrial

Food

Pharmaceutical

Other

## Major players covered

Dupont

Glory

Zhouping Mingxing Chemical

## 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 PDO, PTT product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of PDO, PTT, with price, sales, revenue and global market share of PDO, PTT from 2019 to 2024.

Chapter 3, the PDO, PTT competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the PDO, PTT breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023. and PDO, PTT market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 PDO, PTT.

Chapter 14 and 15, to describe PDO, PTT sales channel, distributors, customers, research findings and conclusion.

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