

Global Polyethylene Terephthalate (PET) & Polybutylene Terephthalate (PBT) Resins Market Size Study & Forecast, by PET Type, PET and PBT Applications, and Regional Forecasts 2025–2035

<https://marketpublishers.com/r/GC0A059585F5EN.html>

Date: July 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GC0A059585F5EN

Abstracts

The Global Polyethylene Terephthalate (PET) & Polybutylene Terephthalate (PBT) Resins Market is valued at approximately USD 39.98 billion in 2024 and is anticipated to expand at a robust CAGR of 7.18% during the forecast period from 2025 to 2035. With industries across the globe shifting toward lightweight, durable, and recyclable materials, PET and PBT resins have increasingly emerged as indispensable in a wide array of industrial and consumer applications. PET resins, especially, are favored for their exceptional barrier properties, clarity, and recyclability, making them a leading choice in beverage bottles, food packaging, and optical films. Meanwhile, PBT resins—renowned for their excellent electrical insulation, heat resistance, and dimensional stability—are extensively adopted in automotive components, electronic connectors, and industrial equipment housings.

What has further propelled market growth is the dramatic surge in sustainability mandates and the rising consumer awareness around eco-friendly packaging materials. In response, industries are pivoting to recycled PET (rPET), driving a significant transformation in production and supply chains. Major manufacturers are integrating advanced recycling technologies to create closed-loop systems, aiming to reduce virgin polymer usage. In parallel, PBT is gaining traction in high-performance sectors where resilience under mechanical stress and harsh thermal conditions is critical. As a result, continuous innovations in copolymerization techniques and flame-retardant grades are unlocking new frontiers for these thermoplastics across diverse end-use verticals.

From a geographical lens, North America holds a commanding position in the PET &

PBT resins market, underpinned by robust packaging demand, a mature consumer goods sector, and a thriving electronics industry. The region benefits from well-established recycling infrastructures and favorable regulatory frameworks encouraging the use of sustainable plastics. Europe, too, is demonstrating strong growth, largely driven by stringent circular economy initiatives and heightened investment in green materials. However, the Asia Pacific region is poised to witness the fastest expansion, fueled by population growth, urbanization, and rapidly industrializing economies such as China and India. With their mounting energy demands and booming food & beverage sectors, these countries are significantly bolstering regional demand for PET bottles, films, and molded automotive parts.

Major market player included in this report are:

BASF SE

DuPont de Nemours, Inc.

Chevron Phillips Chemical Company

Solvay S.A.

Daikin Industries, Ltd.

Croda International Plc.

Halliburton Company

Schlumberger Limited

Aubin Group

Trican Well Service Ltd.

M&D Industries of Louisiana, Inc.

Baker Hughes Company

Impact Fluid Solutions

3M Company

Shandong Huaxia Shenzhou New Material Co., Ltd.

Global Polyethylene Terephthalate (PET) & Polybutylene Terephthalate (PBT) Resins Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By PET Type:

Transparent & Non-Transparent PET

Recycled PET

By PET Application:

Bottles

Films

Food Packaging

By PBT Application:

Electrical & Electronics

Automotive

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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