

## **Asia Pacific Bio-Based Polyethylene Terephthalate Market Report and Forecast 2024-2032**

Market Report | 2023-12-11 | 167 pages | EMR Inc.

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### **Report description:**

Asia Pacific Bio-Based Polyethylene Terephthalate Market Report and Forecast 2024-2032

#### Market Outlook

According to the report by Expert Market Research (EMR), the Asia Pacific bio-based polyethylene terephthalate market is projected to grow at a CAGR of 12.10% between 2024 and 2032. Aided by the soaring demand for sustainable packaging alternatives and the intensifying industrial shift towards green materials, the market is expected to grow significantly by 2032. Bio-based PET, a promising facet of the larger PET family, primarily comprises ethylene derived from renewable resources, such as sugarcane. It stands as a potent replacement to its conventional fossil fuel-based counterpart, offering identical physical properties but with a considerably reduced carbon footprint. Industries have discerned its potential across a plethora of applications, most prominently in packaging, automotive interiors, and electronic casings.

In the contemporary age, sustainability is more than just a buzzword; it's a directive. The Asia Pacific region, led by behemoths like China and India, has witnessed an unparalleled surge in consumer consciousness, thereby influencing the Asia Pacific bio-based polyethylene terephthalate market outlook. This awareness, combined with legislative pushes, has pivoted industries towards sustainable materials, consequently bolstering the bio-based PET market.

Further bolstering its demand is the burgeoning beverage industry in the region. Renowned brands, in their quest for eco-friendly packaging alternatives, have shown a proclivity for bio-based PET bottles. These bottles, offering the twin advantage of durability and biodegradability, have emerged as a preferred choice, thereby amplifying the Asia Pacific bio-based polyethylene terephthalate market demand.

Yet, the applications of bio-based PET transcend the beverage niche. The automotive sector, driven by both consumer preferences and stringent environmental regulations, is progressively incorporating bio-based PET in car interiors. Such integrations not only enhance the vehicle's green quotient but also provide superior aesthetics and tactile feel.

Similarly, the electronics sector, with its ceaseless growth in the Asia Pacific, has adopted bio-based PET for the casings of various gadgets. As per the Asia Pacific bio-based polyethylene terephthalate market analysis, the material's inherent properties, such as resistance to wear and excellent insulation, combined with its eco-friendly nature, render it a frontrunner in the industry's material

choices.

Asia Pacific's burgeoning research landscape is also making waves in the bio-based PET realm. Academic and industrial consortia are collaboratively delving into its potentialities, seeking ways to enhance its properties and reduce production costs. Innovations, like improved biodegradation rates and enhanced strength-to-weight ratios, are continually emerging from these hubs, fortifying the market's growth trajectory.

Moreover, as the global narrative intensifies around carbon neutrality, Asia Pacific nations are prioritising the adoption and promotion of green materials. Incentives, subsidies, and policy frameworks, tailored to boost the production and uptake of bio-based PET, are becoming increasingly prevalent, offering a conducive environment for the Asia Pacific bio-based polyethylene terephthalate market growth.

#### Market Segmentation

The market can be divided based on application, end use, distribution channels, and country.

##### Market Breakup by Application

- Bottles
- Textile Fabrics
- Sheet and Foam
- Film and Adhesive Tapes
- Others

##### Market Breakup by End Use

- Beverages
- Food Industry
- Textile
- Automotive
- Pharmaceuticals
- Others

##### Market Breakup by Distribution Channels

- Direct
- Indirect

##### Market Breakup by Country

- China
- Japan
- India
- South Korea
- Taiwan
- Australia

#### Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the Asia Pacific bio-based polyethylene terephthalate market.

Some of the major players explored in the report by Expert Market Research are as follows:

- Teijin Limited
- Indorama Ventures
- Braskem
- FKuR Kunststoff GmbH
- Toray Industries, Inc.
- Far Eastern New Century Corporation
- Others

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