

Polyethylene Terephthalate (PET) Compounding Market Report and Forecast 2025-2034

Market Report | 2025-07-14 | 164 pages | EMR Inc.

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Report description:

The global polyethylene terephthalate (PET) compounding market size is estimated to grow at a CAGR of 4.20% in the forecast period of 2025-2034. The major market drivers include the rising of PET compounding for product packaging and the versatility of PET compounding.

Key Trends in the Market

Polyethylene terephthalate (PET) compounding refers to the process of combining PET with different materials and substances in the form of additives and modifiers to product PET with specific qualities. PET is a commonly used polyester and its compounding products are used for a variety of applications, undergoing different levels of polymerisation for its different applications.

- PET compounding is gaining widespread popularity for pipe fittings as it is cost effective, provides stronger resistance against corrosion, and has a longer life span. These features make it a viable option for infrastructure development as well making it a replacement for wood in construction sites, thereby aiding in the expansion of the polyethylene terephthalate (PET) compounding market.
- The demand for packaging has grown in the food and beverages sector which leads to increased production of PET compounding as it provides effective insulation and has lower cost. In the packaging of foods and beverages, PET compounding aids in retaining the freshness of the food and doesn't break down, keeping the packaged content stable.
- Polyethylene terephthalate compounding product is a good replacement for glass as it does not break or suffer any damage, thus making it a safer option for the storage of products. It is also highly recyclable thus making it a preferred alternative for single use plastics.

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Market Segmentation

The EMR's report titled "Polyethylene Terephthalate (PET) Compounding Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

Market Breakup by Application

- Packaging
- Industrial Machinery
- Electrical and Electronics
- Automotive
- Construction
- Material Handling
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Market Share by Application

Packaging applications account for a sizable share of the polyethylene terephthalate (PET) compounding market. It is cost effective and can be used to produce clear packaging that can be tailored easily to different shapes and support innovative designs. PET compounding has a safe formulation which makes it risk-free as it does not mix with the content inside the package. PET compounding applications in the construction sector are also on the rise, as it provides increased strength when used in a mixture with concrete.

Market Share by Region

Asia Pacific holds the sizable share in the global polyethylene terephthalate (PET) compounding market due to the increase in demand for packaging, rising usage of recyclable materials in consumer goods, and expansion of the construction projects. The versatility of PET compounding and vast supply of recycled PET are further supporting the market for PET compounding in the Asia Pacific. Meanwhile, in North America, the increasing demand for food delivery has led to heightened use of effective food packaging.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the following key players in the global polyethylene terephthalate compounding market covering their competitive landscape and latest developments like mergers, acquisitions, investments, and expansion plans.

BASF SE

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BASF SE is a multinational chemical company, founded in 1865, with headquarters located in Ludwigshafen, Germany. They are major sellers in the chemical and agricultural sector, and also provide their services in nutrition, materials, and industrial solutions. Some of their major selling products are solvents, paints, food additives, adhesives, and pigments.

SABIC

SABIC, also known as Saudi Arabia's Basic Industries Corporation, is an active supplier of chemicals, fertilisers, petrochemicals, and polymers. The company was founded in 1976 and its headquarters are situated in Riyadh, Saudi Arabia. They deal in the export of chemicals and fertilisers and provide eco-friendly materials; some of the company's notable products include HDPE, LDPE, and PP copolymer.

RTP Company

RTP Company, founded in 1982, is a multinational compounder company of thermoplastics. Its headquarters are in Minnesota, United States and they reduce manufacturing costs through their specifically formulated compounds to fulfil consumer needs.

Other market players include Polyvisions Inc., and DuPont de Nemours, Inc., among others.

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