

Polyester Staple Fibre Market Report and Forecast 2025-2034

Market Report | 2025-07-21 | 177 pages | EMR Inc.

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Report description:

The global polyester staple fibre market attained a value of nearly USD 35.20 Billion in 2024. The market is further expected to grow at a CAGR of 5.90% during the forecast period of 2025-2034 to reach a value of USD 62.45 Billion by 2034.

Increasing Applications of Hollow Polyester Staple Fibres in Thermal Wear Products to Augment the Market

Hollow polyester staple fibre is much lighter than ordinary fibres and can keep a body warm without any air convection. In addition to this, these types of fibres have excellent hygroscopicity, good fall, and are bright, soft and comfortable. The increasing applications of hollow polyester staple fibres in high-grade fabrics such as thermal undergarments, warm winter casual wear, and sportswear, among others, is driving the segment's growth.

Meanwhile, the solid polyester staple fibres segment is anticipated to be a fast-growing segment in the coming years owing to the increasing demand for the material in carpet yarn production. It can also be easily blended with cotton to produce clothes and clothing items. This factor is anticipated to propel the segment's growth in the forecast period, as well as the overall global polyester staple fibre market.

The Asia Pacific Region Leads with a Significant Market Share for Polyester Staple Fibres

Polyester staple fibres are widely applied in apparels and home furnishing products. Hence, the rising investments by working-class populations across the emerging economies such as India and China towards home decor, is driving the market growth. In addition, the strong foothold of local manufacturers, coupled with industrial developments in the region is further propelling the demand for polyester staple fibre.

Over the forecast period, the anticipated increase in the expansion of textile sector owing to the increasing inclination of the population towards fashion and clothing, is likely to offer lucrative opportunities to the polyester staple fibre market in this region.

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Market Segmentation

Polyester staple fibres refer to the materials which are obtained from synthetic chemical compounds. These materials possess unique characteristics such as shrink and stretch resistance. They are lightweight, strong, easily washable, and inexpensive, which makes them suitable for applications in the industrial sector. Moreover, the product is extremely versatile and is utilised in a variety of end-use applications.

Market Breakup by Product Type

- Solid
- Hollow

Market Breakup by Origin

- Virgin
- Recycled
- Blended

Market Breakup by Application

- Automotive
- Home Furnishing
- Apparel
- Filtration
- Others

Market Breakup by Region

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

Thriving Automotive Industry to Boost the Growth of the Polyester Staple Fibres Industry

Polyester staple fibres are crucial in the automotive industry as they are applied in the development of wheel arcs, central carpets, and car trunks, among others. In this regard, the increasing sales of commercial and passenger automobiles are likely to propel the demand for polyester staple fibres. In addition to this, the increasing demand for fibres with anti-inflammatory, wear and light resistant, durable and cost-effective properties, to produce superior-quality automotive textiles, is further bolstering the demand for polyester staple fibres.

In the span of the forecast period, the increasing popularity of man-made textiles fibres in the textile industry to produce high quality fabrics is likely to be a key driver in the polyester staple fibre market. Additionally, the growing demand for polyester staple fibres for making needle punched non-woven fabrics to manufacture various downstream products is accelerating the demand for polyester staple fibres.

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Furthermore, the market is anticipated to be aided by the growing research and development activities by the major market players. They are aiming towards enhancing the quality of finished products and to produce superior quality fabrics made by polyester staple fibres, to gain a competitive edge in the future.

Key Players in the Global Market for Polyester Staple Fibres

The report gives a detailed analysis of the following key players in the global polyester staple fibre market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Toray Industries, Inc.
- Reliance Industries Limited
- Diuou Fibre (M) Sdn Bhd.
- XINDA Corporation
- Indorama Corporation
- Sinopec Yizheng Chemical Fibre Limited
- Others

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.

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