

# Polyester Staple Fiber Market - Forecasts from 2019 to 2024

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## Abstracts

The global polyester staple fiber market is projected to grow at a CAGR of 5.71% to reach US\$34.721 billion by 2024, from US\$24.880 billion in 2018. The growth in the market may be attributed to the rising R&D investments for product development.

Polyester staple fiber is a highly versatile and sustainable man-made fiber. It is used in a wide range of applications including clothing, home interior materials, automobile materials, industrial and construction materials. It is made directly PTA & MEG or PET Chips or from Recycled PET Bottle Flakes. PSF produced using PTA and MEG or PET Chips is known as Virgin PSF and PSF produced using Recycled PET Flakes is called Recycled PSF. Polyester has many industrial applications because of its special characteristics, especially its resistance to stretching or shrinking and general strength as a fiber. It also dries quickly, while remaining crisp and strong afterward, so this material is easily washed.

PSF is mainly classified into Solid and Hollow Polyester staple fiber. Hollow PSF can also have a few properties like Conjugated, Siliconized, Slick and Dry PSF. These properties are normally represented as HSC (Hollow Conjugated Siliconized), HCNS (Hollow Conjugate Non-Siliconized) or Slick PSF that has a smooth finish. Recycled Polyester staple fiber is a synthetic manmade fiber made from PET/Polyester waste and post consumed PET bottles. Since PET bottles are practically non-biodegradable, it was very difficult to dispose them. New technology was developed in Europe, Korea and finally China which helped in recycling these post consumed PET bottles to make manmade fibers like Recycled Polyester Staple Fiber. These fibers are then used to make a non-woven carpet for auto-mobiles, making quilts, yarns, pillows etc.

Rising demand for sustainable textiles is the major driver of the polyester staple fiber

market. Strict environmental regulatory standards are further boosting the demand for polyester staple fiber for several applications across industries such as automotive and home furnishing. Increasing efforts by global designers to design and develop a stylish yet sustainable clothing line will further contribute to the growth of polyester staple fiber market in the coming years. Rising R&D investments for product development, quality innovation, and market expansion by global polyester staple fiber manufacturers will also propel the growth of the polyester staple fiber market during the projected period.

### By Product

By product, the global polyester staple fiber market is segmented as solid and hollow. Solid polyester staple fiber is expected to hold a significant share in the market owing to the rising demand from the textile manufacturing industry.

### By Origin

Based on origin, the global polyester staple fiber market has been segmented as Recycled, Blended and virgin. Recycled polyester staple fiber is anticipated to show a remarkable growth owing to its environment-friendly nature, high sustainability and low manufacturing cost.

### By Geography

Geographically, the global polyester staple fiber market is segmented as North America, South America, Europe, Middle East and Africa, and Asia Pacific. Asia Pacific is expected to be a lucrative market during the given forecast period owing to the rising demand from various end-user industries such as automotive, textiles, etc.

### Segmentation

The global polyester staple fiber market has been segmented by product, origin, application, and geography.

#### By Product

Solid

Hollow

**By Origin**

Blended

Virgin

Recycled

**By Application**

Apparel

Automotive

Filtration

Others

**By Geography**

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

Saudi Arabia

Israel

UAE

Others

Asia Pacific

China

Japan

South Korea

India

Others

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