

**Polypropylene Based Non-Woven Textile Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Technology (Spun melt, Dry-land and Others), By End Use (Disposable products, Automotive, Wipes, Geotextiles, Filtration products, Medical/Surgical products and Others), By GSM (Up to 100 GSM, 101-500 GSM, 501-1000 GSM, Above 1000 GSM Others), By Region and Competition, 2020-2030F**

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**Report description:**

Market Overview

The Global Polypropylene Based Non-Woven Textile Market, valued at USD 29.22 Billion in 2024, is projected to experience a CAGR of 4.67% to reach USD 38.43 Billion by 2030. The polypropylene-based non-woven textile market encompasses materials produced from polypropylene fibers through bonding or felting processes, rather than traditional weaving, yielding textiles recognized for their durability, strength, and lightweight attributes. Primary market drivers include the increasing demand from the hygiene and medical sectors for disposable products like diapers and surgical gowns, fueled by a growing global population and heightened health consciousness, in addition to expanding applications in the automotive, construction, and agricultural industries.

Key Market Drivers

The increasing demand from hygiene and medical applications stands as a primary driver of the Global Polypropylene Based Non-Woven Textile Market. This sector critically relies on polypropylene nonwovens for disposable products such as surgical gowns, masks, and various hygiene articles including diapers. The material's inherent properties, such as effective barrier protection, breathability, and cost-effectiveness, are crucial for infection prevention and public health. For instance, according to

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the U. S. Centers for Disease Control and Prevention, in 2023, approximately one in 31 hospital patients had at least one healthcare-associated infection on a given day, highlighting the essential role of disposable medical textiles in mitigating contamination risks and supporting heightened personal hygiene awareness.

#### Key Market Challenges

The inherent volatility in the price of polypropylene raw material presents a significant impediment to the growth of the global polypropylene-based non-woven textile market. As polypropylene is a petrochemical derivative, its cost directly correlates with the fluctuating dynamics of crude oil markets. This instability complicates effective financial forecasting and procurement strategies for manufacturers, directly influencing their operational profitability and capacity for investment. Unpredictable raw material costs necessitate frequent adjustments to the pricing of finished non-woven goods, potentially disrupting long-term supply agreements and eroding customer confidence due to inconsistent expenditure.

Such substantial exposure to volatile input costs restricts manufacturers' ability to maintain stable margins, hindering capital expenditure for innovation and market expansion.

#### Key Market Trends

Sustainable and bio-based polypropylene material development represents a significant trajectory within the Global Polypropylene Based Non-Woven Textile Market. This trend reflects the industry's commitment to mitigating environmental impact and diversifying raw material sources. Efforts are concentrating on integrating renewable content and developing biodegradable alternatives to conventional polypropylene, driven by consumer demand and regulatory pressures. According to the 2024 Sustainability Report from Fitesa, a major nonwovens producer, the company offers an extensive portfolio with solutions containing between 20% and 100% renewable content, underscoring the industry's progress in this area. Manufacturers are increasingly investing in research and development to produce polypropylene nonwovens with a reduced carbon footprint, aligning with broader circular economy principles.

#### Key Market Players

- []ABG Limited
- []Fibertex Nonwovens A/S
- []Asahi Kasei Corporation
- []Huesker Synthetic GmbH
- []Tygar Geosynthetics (Polymer Group, Inc.)
- []TenCate Geosynthetics Asia Sdn. Bhd.
- []Hangzhou Nbond Nonwoven Co.,Ltd
- []Radici Partecipazioni SpA
- []Ginni Filament Ltd.
- []Flexituff Ventures International Limited

#### Report Scope:

In this report, the Global Polypropylene Based Non-Woven Textile Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

##### -[]Polypropylene Based Non-Woven Textile Market, By Technology:

- o Spun melt
- o Dry-land
- o Others

##### -[]Polypropylene Based Non-Woven Textile Market, By End Use:

- o Disposable products
- o Automotive
- o Wipes
- o Geotextiles
- o Filtration products
- o Medical/Surgical products
- o Others

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-□ Polypropylene Based Non-Woven Textile Market, By GSM:

- o Up to 100 GSM
- o 101-500 GSM
- o 501-1000 GSM
- o Above 1000 GSM
- o Others

-□ Polypropylene Based Non-Woven Textile Market, By Region:

- o North America
  - United States
  - Canada
  - Mexico
- o Europe
  - France
  - United Kingdom
  - Italy
  - Germany
  - Spain
- o Asia Pacific
  - China
  - India
  - Japan
  - Australia
  - South Korea
- o South America
  - Brazil
  - Argentina
  - Colombia
- o Middle East & Africa
  - South Africa
  - Saudi Arabia
  - UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Polypropylene Based Non-Woven Textile Market.

Available Customizations:

Global Polypropylene Based Non-Woven Textile Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

-□ Detailed analysis and profiling of additional market players (up to five).

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