Spunbond Nonwoven Market Research Report – Forecast to 2023

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Description:

Spunbond Nonwoven Market Research Report: by function (disposable, non-disposable), method (conduction, convection, radiation), polymer type (polypropylene, polyester), application (medical & personal care, automotive, agriculture) - Forecast till 2023

Market Overview

The spunbond nonwoven is produced by extruding a thermoplastic fiber polymer into fine filaments fiber of around 15-35 micrometer diameter. These filaments are collected on a conveyor belt in the form of a web, which is then bonded to make spunbond nonwoven fabric. The spunbond nonwoven fabrics have excellent burst strengths, porosity, stability to heat and chemicals, tear strength, and tensile strength.

The global spunbond nonwoven market is primarily driven by its increasing preference over other fabrics due to the low cost and wide accessibility of binder materials and machines. Nowadays, the use of spun bonding is preferred than the chemical bonding for medium weight nonwovens production owing to the permeable, soft, and absorbent nature. The unique structure of spunbond nonwoven helps the skin to stay dry is expected to drive the market in medical and hygiene sector. Furthermore, it offers breathability, resistance to fluid penetration, lint-free structure, bacterial impermeability, and is sterilizable, which are extensively useful for manufacturing personal care and hygienic products. Furthermore, increasing demand for spunbond nonwoven from various end-use industries such as automotive, construction, agriculture, and others is projected to fuel the market growth over the assessment period. The major advantage of using spunbonding technology is that it requires less space and is energy-efficient.

Some of the key developments observed in the market are mergers, expansion, acquisitions, and others. For instance, in 2017, Mitsui Chemicals announced to produce polypropylene based spun-bonded nonwoven fabrics with hollow fibers at its subsidiary MHM Company in Thailand from 2018. Additionally, Avgol, one of the leading manufacturers of nonwoven solutions for hygiene markets announced to open a new USD 60 million manufacturing site in Dimona, Israel enabling Avgol to offer customers the most advanced innovations in baby diaper products, adult incontinence, and feminine hygiene. However, the fluctuating raw material cost and high production cost of finished products such as baby diapers are likely to challenge the market growth. For example, in spunlace wipes, the raw material is a mixture of 50% absorbent fiber and 50% petroleum-based non-absorbent fiber, which may be polyester or polypropylene. The price of polyester versus polypropylene can lead to producers switching from one to another.

Global Spunbond Nonwoven, by the Application (%)
Regional Analysis

The global spunbond nonwoven market is spanned across five regions namely Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa.

Asia Pacific was the leading region in the global spunbond nonwoven market owing to the high demand from major end-use industries such as personal care products, automotive, agriculture, and construction in countries such as Japan, India, China, and others.

North America was the second largest region in the global spunbond nonwoven market on account of the high demand from the healthcare, automotive, personal care, and hygiene industries.

The European market is expected to grow on account of the high product demand from the manufacturing of various automotive parts and the growing healthcare sector in the region.

Latin America is projected to witness a considerable growth due to the growing automotive and personal care industries in the region.

The increasing product demand in the manufacturing of geo-textiles used in construction is likely to drive the market in GCC countries.

Segmentation

The global spunbond nonwoven market is segmented on the basis of the function, method, polymer type, application, and region.

Based on the function, the global spunbond nonwoven market is bifurcated into disposable and non-disposable.

The global spunbond nonwoven market is segmented on the basis of the heating method used into conduction, convection, and radiation.

By the polymer type, the market is segmented into polypropylene, polyester, nylon, polyethylene, polyurethane, and rayons.

On the basis of the application, the global spunbond nonwoven market is segmented as medical & personal care, automotive, agriculture, geo-textiles, industrial, packaging, and others.

Key Players

Some of the manufacturers operating in the global spunbond nonwoven market are PEGAS NONWOVENS Czech s.r.o. (Luxembourg), DuPont (U.S.), Mitsui Chemicals, Inc. (Japan), Asahi Kasei Corporation (Japan), Schouw & Co. (Denmark), TORAY INDUSTRIES, INC. (U.S.), Mogul Co., Ltd. (Turkey), KURARAY CO., LTD. (Japan), Kolon Industries, Inc. (South Korea), Berry Global Inc. (U.S.), Radici Partecipazioni SpA (Italy), KCWW (U.S.), Avgol Ltd. (Israel), Fitesa S.A. (Brazil), and Sunshine Nonwoven Fabric Co., Ltd. (China).

Intended Audience
Spunbond nonwoven Manufacturers
Traders and distributors of Spunbond nonwoven
Research and development institutes
Potential investors
Raw material suppliers
Nationalized laboratory

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