

Global Markets and Technologies for Nanofibers

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Abstracts

Report Scope:

This report examines the global markets and technologies for nanofibers. Definitive and detailed estimates and forecasts of the global market are provided, followed by a detailed analysis of each material, end-user, and regions. This report concentrates on nanofiber materials that are currently in commercial use or are likely to be commercialized by 2028. Other applications that, while promising, are not likely to make it out of the laboratory by 2028 are not covered in depth. This study reviews the following material categories, along with relevant market information, technological descriptions and issues, key applications, and major market factors. This report organizes material type into the following segments:

Polymers.

Hybrid.

Synthetic.

Natural.

Carbon.

Metal and alloys.

Ceramic and glass.

Composites.

Semiconductors.

The following end-users for nanofibers are also examined, with market breakdowns for each by region:

Life science.

Mechanical, chemical, and environmental.

Energy.

Electronics and optoelectronics.

Consumer.

Transportation.

Sensors and others.

Regionally, the focus of the study will be the markets of:

North America.

Europe.

Asia-Pacific.

Rest of the world.

Report Includes:

40 data tables and 65 additional tables

Overview and analysis of the global markets for nanofibers

Analyses of the global market trends, with historical market revenue data (sales

figures) for 2022, estimates for 2023, forecasts for 2024, and projections of compound annual growth rates (CAGRs) through 2028

Estimate of the current market's size and revenue growth prospects, along with a market share analysis by material type, application, end-use industry and geographic region

Identification of the current and future technologies for use in nanofibers

Facts and figures pertaining to the market dynamics, opportunities and challenges, emerging technologies, and impacts of macroeconomic variables

Review of the current market status for nanofiber-based products, technological issues, supply chain analysis and current competitive landscape

Discussion of sustainability trends and factors in the nanofiber market, with emphasis on consumer attitudes, ESG scores, case studies and the ESG practices of leading companies

Analysis of relevant patents

Overview of the major vendors and the industry structure, including company market shares, recent M&A activity and venture funding outlook

Competitive intelligence on the leading market players, their global rankings, recent developments, key financials and segmental revenues, and product portfolios

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Energy
Consumer
Electronics and Optoelectronics
Transportation
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ARGONIDE CORP.
ASAHI KASEI CORP.
CHUETSU PULP & PAPER CO. LTD.
DONALDSON CO. INC.
ESPIN TECHNOLOGIES INC.
HOLLINGSWORTH & VOSE
INMED LLC.
JAPAN VILENE CO. LTD.
LIME
NANOLAYR
NIPPON PAPER INDUSTRIES CO. LTD.
NXTNANO
RESONAC HOLDINGS CORP.
SPUR A.S.
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