

Nanofiber Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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Abstracts

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Nanofiber Market Trends and Forecast

The future of the global nanofiber market looks promising with opportunities in the water and air filtration, automotive and transportation, textile, medical, electronic, and energy storage applications. The global nanofiber market is expected to reach an estimated \$2.41 billion by 2028 with a CAGR of 15% from 2023 to 2028. The major drivers for this market are increasing usage of nanofibers in the medical and pharmaceutical industries for delivering medicines to internal tissues, growing adoption of low-cost polymers for developing nanocomposites, and rising trend of sustainable and eco-friendly products.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Nanofiber Market by Segment

The study includes a forecast for the global nanofiber market by product type, application, and region, as follows:

Nanofiber Market by Product Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Carbon Nanofiber

Composite Nanofiber

Metal and Metal Oxide Nanofiber

Polymeric Nanofiber

Carbohydrate based Nanofiber

Ceramic Nanofiber

Nanofiber Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Water and Air Filtration
Automotive and Transportation
Textiles
Medical
Electronics
Energy Storage
Others

Nanofiber Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Nanofiber Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies nanofiber companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the nanofiber companies profiled in this report include.

eSpin Technologies

Hollingsworth & Vose Company

Nippon Paper Industries

Teijin

Toray Industries

Nanofiber Market Insights

Lucintel forecasts that polymeric will remain the largest segment over the forecast period due to the increasing demand for polymer-based nanofibers owing to their affordability and availability in a variety of natural and synthetic polymers.

Water and air filtration is expected to remain the largest segment due to the increasing use of nanofiber in high-efficiency particulate air (HEPA) filters because to its high surface-to-volume ratio, low pressure drops, superior void interconnectivity, and customizable connectivity features.

APAC will remain the largest region due to the extensive demand for nanofiber in various end use industries, such as healthcare, aerospace and military, energy, and automotive and presence of second-largest healthcare market in China.

Features of the Nanofiber Market

Market Size Estimates: Nanofiber market size estimation in terms of value (\$B)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by

various segments and regions.

Segmentation Analysis: Nanofiber market size by various segments, such as by product type, application, and region

Regional Analysis: Nanofiber market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different by product type, application, and regions for the nanofiber market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the nanofiber market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the nanofiber market size?

Answer: The global nanofiber market is expected to reach an estimated \$2.41 billion by 2028.

Q2. What is the growth forecast for nanofiber market?

Answer: The global nanofiber market is expected to grow with a CAGR of 15% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the nanofiber market?

Answer: The major drivers for this market are increasing usage of nanofibers in the medical and pharmaceutical industries for delivering medicines to internal tissues, growing adoption of low-cost polymers for developing nanocomposites, and rising trend of sustainable and eco-friendly products.

Q4. What are the major segments for nanofiber market?

Answer: The future of the nanofiber market looks promising with opportunities in the water and air filtration, automotive and transportation, textile, medical, electronic, and energy storage applications.

Q5. Who are the key nanofiber companies?

Answer: Some of the key nanofiber companies are as follows:

eSpin Technologies

Hollingsworth & Vose Company

Nippon Paper Industries

Teijin

Toray Industries

Q6. Which nanofiber segment will be the largest in future?

Answer: Lucintel forecasts that polymeric will remain the largest segment over the forecast period due to the increasing demand for polymer-based nanofibers owing to their affordability and availability in a variety of natural and synthetic polymers.

Q7. In nanofiber market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region due to the extensive demand for nanofiber

in various end use industries, such as healthcare, aerospace and military, energy, and automotive and presence of second-largest healthcare market in China.

Q8. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the nanofiber market by product type (carbon nanofiber, composite nanofiber, metal and metal oxide nanofiber, polymeric nanofiber, carbohydrate based nanofiber, and ceramic nanofiber), application (water and air filtration, automotive and transportation, textiles, medical, electronics, energy storage, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to nanofiber market or related to nanofiber companies, nanofiber market size, nanofiber market share, nanofiber market growth, nanofiber market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL NANOFIBER MARKET: MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2017 TO 2028

3.1: Macroeconomic Trends (2017-2022) and Forecast (2023-2028)

3.2: Global Nanofiber Market Trends (2017-2022) and Forecast (2023-2028)

3.3: Global Nanofiber Market by Product Type

3.3.1: Carbon Nanofiber

3.3.2: Composite Nanofiber

3.3.3: Metal and Metal Oxide Nanofiber

3.3.4: Polymeric Nanofiber

3.3.5: Carbohydrate based Nanofiber

3.3.6: Ceramic Nanofiber

3.4: Global Nanofiber Market by Application

3.4.1: Water and Air Filtration

3.4.2: Automotive and Transportation

3.4.3: Textiles

3.4.4: Medical

3.4.5: Electronics

3.4.6: Energy Storage

3.4.7: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2017 TO 2028

4.1: Global Nanofiber Market by Region

4.2: North American Nanofiber Market

4.2.1: North American Nanofiber Market by Product Type: Carbon Nanofiber, Composite Nanofiber, Metal and Metal Oxide Nanofiber, Polymeric Nanofiber, Carbohydrate based Nanofiber, and Ceramic Nanofiber

4.2.2: North American Nanofiber Market by Application: Water and Air Filtration,

Automotive and Transportation, Textiles, Medical, Electronics, Energy Storage, and Others

4.3: European Nanofiber Market

4.3.1: European Nanofiber Market by Product Type: Carbon Nanofiber, Composite Nanofiber, Metal and Metal Oxide Nanofiber, Polymeric Nanofiber, Carbohydrate based Nanofiber, and Ceramic Nanofiber

4.3.2: European Nanofiber Market by Application: Water and Air Filtration, Automotive and Transportation, Textiles, Medical, Electronics, Energy Storage, and Others

4.4: APAC Nanofiber Market

4.4.1: APAC Nanofiber Market by Product Type: Carbon Nanofiber, Composite Nanofiber, Metal and Metal Oxide Nanofiber, Polymeric Nanofiber, Carbohydrate based Nanofiber, and Ceramic Nanofiber

4.4.2: APAC Nanofiber Market by Application: Water and Air Filtration, Automotive and Transportation, Textiles, Medical, Electronics, Energy Storage, and Others

4.5: ROW Nanofiber Market

4.5.1: ROW Nanofiber Market by Product Type: Carbon Nanofiber, Composite Nanofiber, Metal and Metal Oxide Nanofiber, Polymeric Nanofiber, Carbohydrate based Nanofiber, and Ceramic Nanofiber

4.5.2: ROW Nanofiber Market by Application: Water and Air Filtration, Automotive and Transportation, Textiles, Medical, Electronics, Energy Storage, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Nanofiber Market by Product Type

6.1.2: Growth Opportunities for the Global Nanofiber Market by Application

6.1.3: Growth Opportunities for the Global Nanofiber Market by Region

6.2: Emerging Trends in the Global Nanofiber Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Nanofiber Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Nanofiber Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: eSpin Technologies

7.2: Hollingsworth & Vose Company

7.3: Nippon Paper Industries

7.4: Teijin

7.5: Toray Industries

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