

Nanofibers: Market Research Report

https://marketpublishers.com/r/N891CF5458AEN.html

Date: January 2015

Pages: 138

Price: US\$ 4,500.00 (Single User License)

ID: N891CF5458AEN

Abstracts

This report analyzes the worldwide markets for Nanofibers in US\$ Thousand. The Global market is further analyzed by the following End-Use Segments: Energy, Chemical/Mechanical, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, and Rest of World. Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs. The report profiles 42 companies including many key and niche players such as -

Applied Sciences, Inc.

Argonide Corporation

Ahlstrom Corporation

Asahi Kasei Fibers Corporation

Catalytic Materials LLC



Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW

The Science behind Nanotechnology
Nanofibers: A Prelude
Electrospinning – The Major Production Technology for Nanofibers
List of Common Polymers and Solvents Used in Electrospinning
Current and Future Analysis
Developing Markets to Turbo Charge Future Growth in Nanofibers Market

2. KEY MARKET TRENDS, GROWTH DRIVERS & CHALLENGES

Desire to Achieve Product Differentiation & Gain Competitive Advantage Driving Manufacturers to Use Nanofibers in Range of Product Segments Polymer Nanofibers Leads the Market by Product Type

Table 1. Nanofibers Market by Raw Material Type (2014): Percentage Share of Market Revenue for Carbon, Ceramic, Composite, Glass, Metal, and Polymer Nanofibers (includes corresponding Graph/Chart)

Mechanical & Chemical Products Embrace Nanofibers Big Time – Prove to be Largest Revenue Contributors for the Market

Unique Properties Make Use of Nanofibers a Must for Air & Liquid Filters Growing Demand for Air & Liquid Filters to Boost Demand Prospects for Nanofibers Key Opportunity Indicators



Table 2. World Market for Air Filters & Filtration Equipment (2014 & 2018P): Breakdown of Annual Sales Figures in US\$ Million by Region/Country (includes corresponding Graph/Chart)

Table 3. Comparative Analysis of Nanofibers with Melt Blown and Spunbond Fibers Based on Fiber Diameter & Fiber Surface area/ Mass of Material

Use of Nanofibers as Catalysts Grows in Prominence in Major Industrial & Automobile Markets

Energy Storage & Conversion Applications Gaining Prominence Key Opportunity Indicators:

Table 4. Global Market for Lithium Ion Batteries Market: Annual Revenues in US\$ Billion for Years 2010, 2015 & 2020 (includes corresponding Graph/Chart)

Table 5. Global Solar PV Market: Annual PV Capacity Installed (in Gigawatts) for Years 2012 through 2014 (includes corresponding Graph/Chart)

Table 6. Projected Fuel Cell Manufacturing (in Megawatt Hours) for 2015 in Select Regional Markets - Japan, Korea, US, China and Germany (includes corresponding Graph/Chart)

Nanofiber-Based Lithium Ion Batteries – A Look into Key Benefits
Electronic Industry to See Increased Use of Nanofibers in Coming Years
Healthcare & Life Sciences Industry Warms Upto Benefits of Nanofibers
Gold Nanofibers Enhance Cardiac Tissue Engineering
Nanofiber Mesh as Growth Substrate in Flasks
Nanofiber Scaffolds & Its Biomedical Applications

Table 7. World 6-Year Perspective for Nanofibers in Biomedical Applications by Geographic Region - Percentage Breakdown of Value Sales for US, Canada, Japan, Europe, Asia-Pacific, and Rest of World for 2015 & 2020 (includes corresponding Graph/Chart)

Expanding Application Possibilities Augurs Well for the Future of Nanofibers Market Nanofibers in Performance Apparel – A Big Emerging Opportunity Market Issues & Challenges



Controversies Still Dog Nanotechnology
Factors Hampering Rapid Commercialization
Separating Hype from Reality – An Economic Challenge

3. PRODUCT OVERVIEW

Nanofibers – Definition & Application Areas Structural Characteristics of Nanofibers History of Nanofibers Production of Nanofibers

4. PRODUCT LAUNCHES/APPROVALS

Vaporsens Launches vSENS
FibeRio Corporation Unveils Fiber Engine FX Series Equipment
PGI Launches Nanofiber-based Filtration Technology
Xanofi and Izumi Launch 3D Printed Nanofibers
Dreamweaver to Launch Nanofiber-based Separator Materials
Xanofi Launches XanoMatrix
FibeRio Corporation Launches MERV 15 Nanofiber Filtration Media
Nanofiber Solutions Introduces NanoHep Cell Culture
Imperial Systems Launches Nanofiber based DeltaMAXX Air Cartridge Filter
Contipro Launches Nanofiber Production Device 4SPIN

5. RECENT INDUSTRY ACTIVITY

FibeRio Technology Enters Collaboration with VF Corporation
JV Between Cytomatrix and HeiQ Materials Launches Nanofiber Production
Hong Kong University Signs Collaboration Agreement with Avalon Nanofibre
Medical Australia Secures Distribution License from Nanofiber Veterinary
Arteriocyte Announces Launch of Compass Biomedical
Nippon Paper Expands Cellulose Nanofibers Business

6. FOCUS ON SELECT GLOBAL PLAYERS

Applied Sciences, Inc. (US)
Argonide Corporation (US)
Ahlstrom Corporation (Finland)
Asahi Kasei Fibers Corporation (Japan)

Nanofibers: Market Research Report



Catalytic Materials LLC (US)

Daicel FineChem Ltd. (Japan)

Donaldson Company, Inc. (US)

E. I. du Pont de Nemours and Company (US)

Dreamweaver International (US)

Elmarco (Czech Republic)

eSpin Technologies, Inc. (US)

Finetex EnE, Inc. (Korea)

FibeRio Technology Corporation (US)

Grupo Antolin (Spain)

Hollingsworth and Vose (US)

Japan Vilene Company Ltd. (Japan)

Johns Manville (US)

Reade Advanced Materials (US)

Showa Denko K. K. (Japan)

Teijin Limited (Japan)

Toray Industries, Inc. (Japan)

Wooree Nanophil Co. Ltd. (Korea)

7. GLOBAL MARKET PERSPECTIVE

Table 8. World Recent Past, Current & Future Analysis for Nanofibers by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific, and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 9. World Historic Review for Nanofibers by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific, and Rest of World Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 10. World 14-Year Perspective for Nanofibers by Geographic Region - Percentage Breakdown of Value Sales for US, Canada, Japan, Europe, Asia-Pacific, and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 11. World Recent Past, Current & Future Analysis for Nanofibers by End-Use Application - Energy, Chemical/Mechanical, and Others Markets Independently



Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 12. World 6-Year Perspective for Nanofibers by End-Use Application - Percentage Breakdown of Value Sales for Energy, Chemical/Mechanical, and Others Markets for Years 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES

A. Market AnalysisNanotechnology in US – A Review

Table 13. Applications of Nanotechnology in the US by Segment (2015): Percentage Share of Nanotechnology in Automotive, Chemicals, Electronics, Life Sciences, Performance Materials, and Others (includes corresponding Graph/Chart)

US Nanotechnology Industry – Characterized by Diverse Value Chain Participants
Product Launches
Strategic Corporate Developments
Key Players
B. Market Analytics

Table 14. US Recent Past, Current & Future Analysis for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 15. US Historic Review for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

2. CANADA

A. Market AnalysisNanotechnology Industry in Canada – A SnapshotB. Market Analytics



Table 16. Canadian Recent Past, Current & Future Analysis for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 17. Canadian Historic Review for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

3. JAPAN

A. Market Analysis

Overview of Japanese Nanotechnology Industry

Leading Japanese Institutions Involved in Nanotechnology Programs Over the Years Strategic Corporate Development

Key Players

B. Market Analytics

Table 18. Japanese Recent Past, Current & Future Analysis for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 19. Japanese Historic Review for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

4. EUROPE

A. Market Analysis

Overview of Nanotechnology Industry in Europe

European Programs in Nanotechnology

Healthcare and Life Sciences Dominate Europe in Terms of Number of Players

The Rise of Nanotechnology Based Drug Delivery in Europe

European NanoBusiness Association – Powering R&D Effort

Key Players

B. Market Analytics

Table 20. European Recent Past, Current & Future Analysis for Nanofibers by Geographic Region - France, Germany, UK, and Rest of Europe Markets Independently



Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 21. European Historic Review for Nanofibers by Geographic Region - France, Germany, UK, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 22. European 14-Year Perspective for Nanofibers by Geographic Region - Percentage Breakdown of Value Sales for France, Germany, UK, and Rest of Europe Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC

A. Market AnalysisOutlookOverview and StructureB. Market Analytics

Table 23. Asia-Pacific Recent Past, Current & Future Analysis for Nanofibers by Region - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 24. Asia-Pacific Historic Review for Nanofibers by Region - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 25. Asia-Pacific 14-Year Perspective for Nanofibers by Region - Percentage Breakdown of Value Sales for China and Rest of Asia-Pacific Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

5A. CHINA

A. Market AnalysisChinese Government Takes the R&D InitiativeStrategic Corporate DevelopmentB. Market Analytics



Table 26. Chinese Recent Past, Current & Future Analysis for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 27. Chinese Historic Review for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

5B. REST OF ASIA-PACIFIC

A. Market Analysis

Key Areas of Research in Korea - Energy, Optics, Textiles and Medical Equipment Nanomedicine Market Gains Pace in India

Challenges for Nanotechnology Development in Australia

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 28. Rest of Asia-Pacific Recent Past, Current & Future Analysis for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 29. Rest of Asia-Pacific Historic Review for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding Graph/Chart)

6. REST OF WORLD

Market Analysis

Table 30. Rest of World Recent Past, Current & Future Analysis for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 31. Rest of World Historic Review for Nanofibers Analyzed with Annual Sales Figures in US\$ Thousand for Years 2007 through 2013 (includes corresponding



Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 42 (including Divisions/Subsidiaries - 43)
The United States (20)
Canada (1)
Japan (7)
Europe (7)
Spain (1)
Rest of Europe (6)
Asia-Pacific (Excluding Japan) (4)
Africa (2)
Middle East (2)



I would like to order

Product name: Nanofibers: Market Research Report

Product link: https://marketpublishers.com/r/N891CF5458AEN.html

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/N891CF5458AEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970