

Carbon Nanotube (CNT) Materials Industry Research Report 2023

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Abstracts

Highlights

The global Carbon Nanotube (CNT) Materials market is projected to reach US\$ million by 2029 from an estimated US\$ million in 2022, at a CAGR of % during 2023 and 2029.

North American market for Carbon Nanotube (CNT) Materials is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Asia-Pacific market for Carbon Nanotube (CNT) Materials is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of Carbon Nanotube (CNT) Materials include Cnano, LG Chem, SUSN Nano, HaoXin Technology, Nanocyl, Arkema, Showa Denko, OCSiAl and Kumho Petrochemical, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for Carbon Nanotube (CNT) Materials in Lithium Battery Field is estimated to increase from \$ million in 2022 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, SWNTs, which accounted for % of the global market of Carbon Nanotube (CNT) Materials in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Carbon Nanotube (CNT) Materials, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Carbon Nanotube (CNT) Materials.

The Carbon Nanotube (CNT) Materials market size, estimations, and forecasts are provided in terms of output/shipments (Tons) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Carbon Nanotube (CNT) Materials market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Carbon Nanotube (CNT) Materials manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2018-2023. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Cnano

LG Chem

SUSN Nano

HaoXin Technology

Nanocyl

Arkema

Showa Denko

OCSiAl

Kumho Petrochemical

Product Type Insights

Global markets are presented by Carbon Nanotube (CNT) Materials type, along with growth forecasts through 2029. Estimates on production and value are based on the price in the supply chain at which the Carbon Nanotube (CNT) Materials are procured by the manufacturers.

This report has studied every segment and provided the market size using historical data. They have also talked about the growth opportunities that the segment may pose in the future. This study bestows production and revenue data by type, and during the historical period (2018-2023) and forecast period (2024-2029).

Carbon Nanotube (CNT) Materials segment by Type

SWNTs

MWNTs

Application Insights

This report has provided the market size (production and revenue data) by application, during the historical period (2018-2023) and forecast period (2024-2029).

This report also outlines the market trends of each segment and consumer behaviors impacting the Carbon Nanotube (CNT) Materials market and what implications these may have on the industry's future. This report can help to understand the relevant market and consumer trends that are driving the Carbon Nanotube (CNT) Materials market.

Carbon Nanotube (CNT) Materials segment by Application

Lithium Battery Field

Conductive Plastic Field

Others

Regional Outlook

This section of the report provides key insights regarding various regions and the key players operating in each region. Economic, social, environmental, technological, and political factors have been taken into consideration while assessing the growth of the particular region/country. The readers will also get their hands on the revenue and sales data of each region and country for the period 2018-2029.

The market has been segmented into various major geographies, including North America, Europe, Asia-Pacific, South America. Detailed analysis of major countries such as the USA, Germany, the U.K., Italy, France, China, Japan, South Korea, Southeast Asia, and India will be covered within the regional segment. For market estimates, data are going to be provided for 2022 because of the base year, with estimates for 2023 and forecast value for 2029.

North America

United States

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

COVID-19 and Russia-Ukraine War Influence Analysis

The readers in the section will understand how the Carbon Nanotube (CNT) Materials market scenario changed across the globe during the pandemic, post-pandemic and Russia-Ukraine War. The study is done keeping in view the changes in aspects such as demand, consumption, transportation, consumer behavior, supply chain management, export and import, and production. The industry experts have also highlighted the key factors that will help create opportunities for players and stabilize the overall industry in the years to come.

Reasons to Buy This Report

This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Carbon Nanotube (CNT) Materials market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

This report will help stakeholders to understand the global industry status and trends of Carbon Nanotube (CNT) Materials and provides them with information on key market drivers, restraints, challenges, and opportunities.

This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

This report stays updated with novel technology integration, features, and the latest developments in the market

This report helps stakeholders to understand the COVID-19 and Russia-Ukraine War Influence on the Carbon Nanotube (CNT) Materials industry.

This report helps stakeholders to gain insights into which regions to target globally

This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Carbon Nanotube (CNT) Materials.

This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Core Chapters

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Carbon Nanotube (CNT) Materials manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Carbon Nanotube (CNT) Materials by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Carbon Nanotube (CNT) Materials in regional level and country level. It provides a quantitative analysis of the market size and development

potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Carbon Nanotube (CNT) Materials by Type
 - 2.2.1 Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)
 - 1.2.2 SWNTs
 - 1.2.3 MWNTs
- 2.3 Carbon Nanotube (CNT) Materials by Application
 - 2.3.1 Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)
 - 2.3.2 Lithium Battery Field
 - 2.3.3 Conductive Plastic Field
 - 2.3.4 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Carbon Nanotube (CNT) Materials Production Value Estimates and Forecasts (2018-2029)
 - 2.4.2 Global Carbon Nanotube (CNT) Materials Production Capacity Estimates and Forecasts (2018-2029)
 - 2.4.3 Global Carbon Nanotube (CNT) Materials Production Estimates and Forecasts (2018-2029)
 - 2.4.4 Global Carbon Nanotube (CNT) Materials Market Average Price (2018-2029)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Carbon Nanotube (CNT) Materials Production by Manufacturers (2018-2023)
- 3.2 Global Carbon Nanotube (CNT) Materials Production Value by Manufacturers (2018-2023)

3.3 Global Carbon Nanotube (CNT) Materials Average Price by Manufacturers (2018-2023)

3.4 Global Carbon Nanotube (CNT) Materials Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

3.5 Global Carbon Nanotube (CNT) Materials Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Carbon Nanotube (CNT) Materials Manufacturers, Product Type & Application

3.7 Global Carbon Nanotube (CNT) Materials Manufacturers, Date of Enter into This Industry

3.8 Global Carbon Nanotube (CNT) Materials Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Cnano

4.1.1 Cnano Carbon Nanotube (CNT) Materials Company Information

4.1.2 Cnano Carbon Nanotube (CNT) Materials Business Overview

4.1.3 Cnano Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.1.4 Cnano Product Portfolio

4.1.5 Cnano Recent Developments

4.2 LG Chem

4.2.1 LG Chem Carbon Nanotube (CNT) Materials Company Information

4.2.2 LG Chem Carbon Nanotube (CNT) Materials Business Overview

4.2.3 LG Chem Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.2.4 LG Chem Product Portfolio

4.2.5 LG Chem Recent Developments

4.3 SUSN Nano

4.3.1 SUSN Nano Carbon Nanotube (CNT) Materials Company Information

4.3.2 SUSN Nano Carbon Nanotube (CNT) Materials Business Overview

4.3.3 SUSN Nano Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.3.4 SUSN Nano Product Portfolio

4.3.5 SUSN Nano Recent Developments

4.4 HaoXin Technology

4.4.1 HaoXin Technology Carbon Nanotube (CNT) Materials Company Information

4.4.2 HaoXin Technology Carbon Nanotube (CNT) Materials Business Overview

4.4.3 HaoXin Technology Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.4.4 HaoXin Technology Product Portfolio

4.4.5 HaoXin Technology Recent Developments

4.5 Nanocyl

4.5.1 Nanocyl Carbon Nanotube (CNT) Materials Company Information

4.5.2 Nanocyl Carbon Nanotube (CNT) Materials Business Overview

4.5.3 Nanocyl Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.5.4 Nanocyl Product Portfolio

4.5.5 Nanocyl Recent Developments

4.6 Arkema

4.6.1 Arkema Carbon Nanotube (CNT) Materials Company Information

4.6.2 Arkema Carbon Nanotube (CNT) Materials Business Overview

4.6.3 Arkema Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.6.4 Arkema Product Portfolio

4.6.5 Arkema Recent Developments

4.7 Showa Denko

4.7.1 Showa Denko Carbon Nanotube (CNT) Materials Company Information

4.7.2 Showa Denko Carbon Nanotube (CNT) Materials Business Overview

4.7.3 Showa Denko Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.7.4 Showa Denko Product Portfolio

4.7.5 Showa Denko Recent Developments

4.8 OCSiAl

4.8.1 OCSiAl Carbon Nanotube (CNT) Materials Company Information

4.8.2 OCSiAl Carbon Nanotube (CNT) Materials Business Overview

4.8.3 OCSiAl Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.8.4 OCSiAl Product Portfolio

4.8.5 OCSiAl Recent Developments

4.9 Kumho Petrochemical

4.9.1 Kumho Petrochemical Carbon Nanotube (CNT) Materials Company Information

4.9.2 Kumho Petrochemical Carbon Nanotube (CNT) Materials Business Overview

4.9.3 Kumho Petrochemical Carbon Nanotube (CNT) Materials Production Capacity, Value and Gross Margin (2018-2023)

4.9.4 Kumho Petrochemical Product Portfolio

4.9.5 Kumho Petrochemical Recent Developments

5 GLOBAL CARBON NANOTUBE (CNT) MATERIALS PRODUCTION BY REGION

5.1 Global Carbon Nanotube (CNT) Materials Production Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.2 Global Carbon Nanotube (CNT) Materials Production by Region: 2018-2029

5.2.1 Global Carbon Nanotube (CNT) Materials Production by Region: 2018-2023

5.2.2 Global Carbon Nanotube (CNT) Materials Production Forecast by Region (2024-2029)

5.3 Global Carbon Nanotube (CNT) Materials Production Value Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

5.4 Global Carbon Nanotube (CNT) Materials Production Value by Region: 2018-2029

5.4.1 Global Carbon Nanotube (CNT) Materials Production Value by Region: 2018-2023

5.4.2 Global Carbon Nanotube (CNT) Materials Production Value Forecast by Region (2024-2029)

5.5 Global Carbon Nanotube (CNT) Materials Market Price Analysis by Region (2018-2023)

5.6 Global Carbon Nanotube (CNT) Materials Production and Value, YOY Growth

5.6.1 North America Carbon Nanotube (CNT) Materials Production Value Estimates and Forecasts (2018-2029)

5.6.2 Europe Carbon Nanotube (CNT) Materials Production Value Estimates and Forecasts (2018-2029)

5.6.3 China Carbon Nanotube (CNT) Materials Production Value Estimates and Forecasts (2018-2029)

5.6.4 Japan Carbon Nanotube (CNT) Materials Production Value Estimates and Forecasts (2018-2029)

6 GLOBAL CARBON NANOTUBE (CNT) MATERIALS CONSUMPTION BY REGION

6.1 Global Carbon Nanotube (CNT) Materials Consumption Estimates and Forecasts by Region: 2018 VS 2022 VS 2029

6.2 Global Carbon Nanotube (CNT) Materials Consumption by Region (2018-2029)

6.2.1 Global Carbon Nanotube (CNT) Materials Consumption by Region: 2018-2029

6.2.2 Global Carbon Nanotube (CNT) Materials Forecasted Consumption by Region (2024-2029)

6.3 North America

6.3.1 North America Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.3.2 North America Carbon Nanotube (CNT) Materials Consumption by Country (2018-2029)

6.3.3 United States

6.3.4 Canada

6.4 Europe

6.4.1 Europe Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.4.2 Europe Carbon Nanotube (CNT) Materials Consumption by Country (2018-2029)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.5.2 Asia Pacific Carbon Nanotube (CNT) Materials Consumption by Country (2018-2029)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029

6.6.2 Latin America, Middle East & Africa Carbon Nanotube (CNT) Materials Consumption by Country (2018-2029)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Carbon Nanotube (CNT) Materials Production by Type (2018-2029)

7.1.1 Global Carbon Nanotube (CNT) Materials Production by Type (2018-2029) &

(Tons)

7.1.2 Global Carbon Nanotube (CNT) Materials Production Market Share by Type (2018-2029)

7.2 Global Carbon Nanotube (CNT) Materials Production Value by Type (2018-2029)

7.2.1 Global Carbon Nanotube (CNT) Materials Production Value by Type (2018-2029) & (US\$ Million)

7.2.2 Global Carbon Nanotube (CNT) Materials Production Value Market Share by Type (2018-2029)

7.3 Global Carbon Nanotube (CNT) Materials Price by Type (2018-2029)

8 SEGMENT BY APPLICATION

8.1 Global Carbon Nanotube (CNT) Materials Production by Application (2018-2029)

8.1.1 Global Carbon Nanotube (CNT) Materials Production by Application (2018-2029) & (Tons)

8.1.2 Global Carbon Nanotube (CNT) Materials Production by Application (2018-2029) & (Tons)

8.2 Global Carbon Nanotube (CNT) Materials Production Value by Application (2018-2029)

8.2.1 Global Carbon Nanotube (CNT) Materials Production Value by Application (2018-2029) & (US\$ Million)

8.2.2 Global Carbon Nanotube (CNT) Materials Production Value Market Share by Application (2018-2029)

8.3 Global Carbon Nanotube (CNT) Materials Price by Application (2018-2029)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 Carbon Nanotube (CNT) Materials Value Chain Analysis

9.1.1 Carbon Nanotube (CNT) Materials Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Carbon Nanotube (CNT) Materials Production Mode & Process

9.2 Carbon Nanotube (CNT) Materials Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Carbon Nanotube (CNT) Materials Distributors

9.2.3 Carbon Nanotube (CNT) Materials Customers

10 GLOBAL CARBON NANOTUBE (CNT) MATERIALS ANALYZING MARKET DYNAMICS

10.1 Carbon Nanotube (CNT) Materials Industry Trends

10.2 Carbon Nanotube (CNT) Materials Industry Drivers

10.3 Carbon Nanotube (CNT) Materials Industry Opportunities and Challenges

10.4 Carbon Nanotube (CNT) Materials Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

List Of Tables

LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Table 4. Market Value Comparison by Application (2018 VS 2022 VS 2029) & (US\$ Million)

Table 5. Global Carbon Nanotube (CNT) Materials Production by Manufacturers (Tons) & (2018-2023)

Table 6. Global Carbon Nanotube (CNT) Materials Production Market Share by Manufacturers

Table 7. Global Carbon Nanotube (CNT) Materials Production Value by Manufacturers (US\$ Million) & (2018-2023)

Table 8. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Manufacturers (2018-2023)

Table 9. Global Carbon Nanotube (CNT) Materials Average Price (US\$/Ton) of Key Manufacturers (2018-2023)

Table 10. Global Carbon Nanotube (CNT) Materials Industry Manufacturers Ranking, 2021 VS 2022 VS 2023

Table 11. Global Carbon Nanotube (CNT) Materials Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Carbon Nanotube (CNT) Materials by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2022)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Cnano Carbon Nanotube (CNT) Materials Company Information

Table 16. Cnano Business Overview

Table 17. Cnano Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 18. Cnano Product Portfolio

Table 19. Cnano Recent Developments

Table 20. LG Chem Carbon Nanotube (CNT) Materials Company Information

Table 21. LG Chem Business Overview

Table 22. LG Chem Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 23. LG Chem Product Portfolio

Table 24. LG Chem Recent Developments

Table 25. SUSN Nano Carbon Nanotube (CNT) Materials Company Information

Table 26. SUSN Nano Business Overview

Table 27. SUSN Nano Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 28. SUSN Nano Product Portfolio

Table 29. SUSN Nano Recent Developments

Table 30. HaoXin Technology Carbon Nanotube (CNT) Materials Company Information

Table 31. HaoXin Technology Business Overview

Table 32. HaoXin Technology Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 33. HaoXin Technology Product Portfolio

Table 34. HaoXin Technology Recent Developments

Table 35. Nanocyl Carbon Nanotube (CNT) Materials Company Information

Table 36. Nanocyl Business Overview

Table 37. Nanocyl Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 38. Nanocyl Product Portfolio

Table 39. Nanocyl Recent Developments

Table 40. Arkema Carbon Nanotube (CNT) Materials Company Information

Table 41. Arkema Business Overview

Table 42. Arkema Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 43. Arkema Product Portfolio

Table 44. Arkema Recent Developments

Table 45. Showa Denko Carbon Nanotube (CNT) Materials Company Information

Table 46. Showa Denko Business Overview

Table 47. Showa Denko Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 48. Showa Denko Product Portfolio

Table 49. Showa Denko Recent Developments

Table 50. OCSiAl Carbon Nanotube (CNT) Materials Company Information

Table 51. OCSiAl Business Overview

Table 52. OCSiAl Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 53. OCSiAl Product Portfolio

Table 54. OCSiAl Recent Developments

Table 55. Kumho Petrochemical Carbon Nanotube (CNT) Materials Company Information

Table 56. Kumho Petrochemical Business Overview

Table 57. Kumho Petrochemical Carbon Nanotube (CNT) Materials Production Capacity (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 58. Kumho Petrochemical Product Portfolio

Table 59. Kumho Petrochemical Recent Developments

Table 60. Global Carbon Nanotube (CNT) Materials Production Comparison by Region: 2018 VS 2022 VS 2029 (Tons)

Table 61. Global Carbon Nanotube (CNT) Materials Production by Region (2018-2023) & (Tons)

Table 62. Global Carbon Nanotube (CNT) Materials Production Market Share by Region (2018-2023)

Table 63. Global Carbon Nanotube (CNT) Materials Production Forecast by Region (2024-2029) & (Tons)

Table 64. Global Carbon Nanotube (CNT) Materials Production Market Share Forecast by Region (2024-2029)

Table 65. Global Carbon Nanotube (CNT) Materials Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Table 66. Global Carbon Nanotube (CNT) Materials Production Value by Region (2018-2023) & (US\$ Million)

Table 67. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Region (2018-2023)

Table 68. Global Carbon Nanotube (CNT) Materials Production Value Forecast by Region (2024-2029) & (US\$ Million)

Table 69. Global Carbon Nanotube (CNT) Materials Production Value Market Share Forecast by Region (2024-2029)

Table 70. Global Carbon Nanotube (CNT) Materials Market Average Price (US\$/Ton) by Region (2018-2023)

Table 71. Global Carbon Nanotube (CNT) Materials Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Tons)

Table 72. Global Carbon Nanotube (CNT) Materials Consumption by Region (2018-2023) & (Tons)

Table 73. Global Carbon Nanotube (CNT) Materials Consumption Market Share by Region (2018-2023)

Table 74. Global Carbon Nanotube (CNT) Materials Forecasted Consumption by Region (2024-2029) & (Tons)

Table 75. Global Carbon Nanotube (CNT) Materials Forecasted Consumption Market Share by Region (2024-2029)

Table 76. North America Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Tons)

Table 77. North America Carbon Nanotube (CNT) Materials Consumption by Country

(2018-2023) & (Tons)

Table 78. North America Carbon Nanotube (CNT) Materials Consumption by Country (2024-2029) & (Tons)

Table 79. Europe Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Tons)

Table 80. Europe Carbon Nanotube (CNT) Materials Consumption by Country (2018-2023) & (Tons)

Table 81. Europe Carbon Nanotube (CNT) Materials Consumption by Country (2024-2029) & (Tons)

Table 82. Asia Pacific Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Tons)

Table 83. Asia Pacific Carbon Nanotube (CNT) Materials Consumption by Country (2018-2023) & (Tons)

Table 84. Asia Pacific Carbon Nanotube (CNT) Materials Consumption by Country (2024-2029) & (Tons)

Table 85. Latin America, Middle East & Africa Carbon Nanotube (CNT) Materials Consumption Growth Rate by Country: 2018 VS 2022 VS 2029 (Tons)

Table 86. Latin America, Middle East & Africa Carbon Nanotube (CNT) Materials Consumption by Country (2018-2023) & (Tons)

Table 87. Latin America, Middle East & Africa Carbon Nanotube (CNT) Materials Consumption by Country (2024-2029) & (Tons)

Table 88. Global Carbon Nanotube (CNT) Materials Production by Type (2018-2023) & (Tons)

Table 89. Global Carbon Nanotube (CNT) Materials Production by Type (2024-2029) & (Tons)

Table 90. Global Carbon Nanotube (CNT) Materials Production Market Share by Type (2018-2023)

Table 91. Global Carbon Nanotube (CNT) Materials Production Market Share by Type (2024-2029)

Table 92. Global Carbon Nanotube (CNT) Materials Production Value by Type (2018-2023) & (US\$ Million)

Table 93. Global Carbon Nanotube (CNT) Materials Production Value by Type (2024-2029) & (US\$ Million)

Table 94. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Type (2018-2023)

Table 95. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Type (2024-2029)

Table 96. Global Carbon Nanotube (CNT) Materials Price by Type (2018-2023) & (US\$/Ton)

Table 97. Global Carbon Nanotube (CNT) Materials Price by Type (2024-2029) & (US\$/Ton)

Table 98. Global Carbon Nanotube (CNT) Materials Production by Application (2018-2023) & (Tons)

Table 99. Global Carbon Nanotube (CNT) Materials Production by Application (2024-2029) & (Tons)

Table 100. Global Carbon Nanotube (CNT) Materials Production Market Share by Application (2018-2023)

Table 101. Global Carbon Nanotube (CNT) Materials Production Market Share by Application (2024-2029)

Table 102. Global Carbon Nanotube (CNT) Materials Production Value by Application (2018-2023) & (US\$ Million)

Table 103. Global Carbon Nanotube (CNT) Materials Production Value by Application (2024-2029) & (US\$ Million)

Table 104. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Application (2018-2023)

Table 105. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Application (2024-2029)

Table 106. Global Carbon Nanotube (CNT) Materials Price by Application (2018-2023) & (US\$/Ton)

Table 107. Global Carbon Nanotube (CNT) Materials Price by Application (2024-2029) & (US\$/Ton)

Table 108. Key Raw Materials

Table 109. Raw Materials Key Suppliers

Table 110. Carbon Nanotube (CNT) Materials Distributors List

Table 111. Carbon Nanotube (CNT) Materials Customers List

Table 112. Carbon Nanotube (CNT) Materials Industry Trends

Table 113. Carbon Nanotube (CNT) Materials Industry Drivers

Table 114. Carbon Nanotube (CNT) Materials Industry Restraints

Table 115. Authors List of This Report

List Of Figures

LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Carbon Nanotube (CNT) Materials Product Picture

Figure 5. Market Value Comparison by Type (2018 VS 2022 VS 2029) & (US\$ Million)

Figure 6. SWNTs Product Picture

Figure 7. MWNTs Product Picture

Figure 8. Lithium Battery Field Product Picture

Figure 9. Conductive Plastic Field Product Picture

Figure 10. Others Product Picture

Figure . Global Carbon Nanotube (CNT) Materials Production Value (US\$ Million), 2018 VS 2022 VS 2029

Figure 1. Global Carbon Nanotube (CNT) Materials Production Value (2018-2029) & (US\$ Million)

Figure 2. Global Carbon Nanotube (CNT) Materials Production Capacity (2018-2029) & (Tons)

Figure 3. Global Carbon Nanotube (CNT) Materials Production (2018-2029) & (Tons)

Figure 4. Global Carbon Nanotube (CNT) Materials Average Price (US\$/Ton) & (2018-2029)

Figure 5. Global Carbon Nanotube (CNT) Materials Key Manufacturers, Manufacturing Sites & Headquarters

Figure 6. Global Carbon Nanotube (CNT) Materials Manufacturers, Date of Enter into This Industry

Figure 7. Global Top 5 and 10 Carbon Nanotube (CNT) Materials Players Market Share by Production Value in 2022

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2018 VS 2022

Figure 9. Global Carbon Nanotube (CNT) Materials Production Comparison by Region: 2018 VS 2022 VS 2029 (Tons)

Figure 10. Global Carbon Nanotube (CNT) Materials Production Market Share by Region: 2018 VS 2022 VS 2029

Figure 11. Global Carbon Nanotube (CNT) Materials Production Value Comparison by Region: 2018 VS 2022 VS 2029 (US\$ Million)

Figure 12. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Region: 2018 VS 2022 VS 2029

Figure 13. North America Carbon Nanotube (CNT) Materials Production Value (US\$

Million) Growth Rate (2018-2029)

Figure 14. Europe Carbon Nanotube (CNT) Materials Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 15. China Carbon Nanotube (CNT) Materials Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 16. Japan Carbon Nanotube (CNT) Materials Production Value (US\$ Million) Growth Rate (2018-2029)

Figure 17. Global Carbon Nanotube (CNT) Materials Consumption Comparison by Region: 2018 VS 2022 VS 2029 (Tons)

Figure 18. Global Carbon Nanotube (CNT) Materials Consumption Market Share by Region: 2018 VS 2022 VS 2029

Figure 19. North America Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 20. North America Carbon Nanotube (CNT) Materials Consumption Market Share by Country (2018-2029)

Figure 21. United States Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 22. Canada Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 23. Europe Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 24. Europe Carbon Nanotube (CNT) Materials Consumption Market Share by Country (2018-2029)

Figure 25. Germany Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 26. France Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 27. U.K. Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 28. Italy Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 29. Netherlands Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 30. Asia Pacific Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 31. Asia Pacific Carbon Nanotube (CNT) Materials Consumption Market Share by Country (2018-2029)

Figure 32. China Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 33. Japan Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 34. South Korea Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 35. China Taiwan Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 36. Southeast Asia Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 37. India Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 38. Australia Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 39. Latin America, Middle East & Africa Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 40. Latin America, Middle East & Africa Carbon Nanotube (CNT) Materials Consumption Market Share by Country (2018-2029)

Figure 41. Mexico Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 42. Brazil Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 43. Turkey Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 44. GCC Countries Carbon Nanotube (CNT) Materials Consumption and Growth Rate (2018-2029) & (Tons)

Figure 45. Global Carbon Nanotube (CNT) Materials Production Market Share by Type (2018-2029)

Figure 46. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Type (2018-2029)

Figure 47. Global Carbon Nanotube (CNT) Materials Price (US\$/Ton) by Type (2018-2029)

Figure 48. Global Carbon Nanotube (CNT) Materials Production Market Share by Application (2018-2029)

Figure 49. Global Carbon Nanotube (CNT) Materials Production Value Market Share by Application (2018-2029)

Figure 50. Global Carbon Nanotube (CNT) Materials Price (US\$/Ton) by Application (2018-2029)

Figure 51. Carbon Nanotube (CNT) Materials Value Chain

Figure 52. Carbon Nanotube (CNT) Materials Production Mode & Process

Figure 53. Direct Comparison with Distribution Share

Figure 54. Distributors Profiles

Figure 55. Carbon Nanotube (CNT) Materials Industry Opportunities and Challenges

Highlights

The global Carbon Nanotube (CNT) Materials market is projected to reach US\$ million by 2028 from an estimated US\$ million in 2022, at a CAGR of % during 2024 and 2029. North American market for Carbon Nanotube (CNT) Materials is estimated to increase from \$ million in 2022 to reach \$ million by 2028, at a CAGR of % during the forecast period of 2023 through 2028.

Asia-Pacific market for Carbon Nanotube (CNT) Materials is estimated to increase from \$ million in 2022 to reach \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

The major global companies of Carbon Nanotube (CNT) Materials include Cnano, LG Chem, SUSN Nano, HaoXin Technology, Nanocyl, Arkema, Showa Denko, OCSiAl and Kumho Petrochemical, etc. In 2022, the world's top three vendors accounted for approximately % of the revenue.

The global market for Carbon Nanotube (CNT) Materials in Lithium Battery Field is estimated to increase from \$ million in 2023 to \$ million by 2029, at a CAGR of % during the forecast period of 2023 through 2029.

Considering the economic change due to COVID-19 and Russia-Ukraine War Influence, SWNTs, which accounted for % of the global market of Carbon Nanotube (CNT) Materials in 2022, is expected to reach million US\$ by 2029, growing at a revised CAGR of % from 2023 to 2029.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Carbon Nanotube (CNT) Materials, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Carbon Nanotube (CNT) Materials.

The Carbon Nanotube (CNT) Materials market size, estimations, and forecasts are provided in terms of output/shipments (Tons) and revenue (\$ millions), considering 2022 as the base year, with history and forecast data for the period from 2018 to 2029. This report segments the global Carbon Nanotube (CNT) Materials market comprehensively. Regional market sizes, concerning products by types, by application, and by players, are also provided. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

The report will help the Carbon Nanotube (CNT) Materials manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, production, and average price for the overall market and the sub-segments across the different segments, by company, product type, application, and regions.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2017-2022. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Cnano

LG Chem

SUSN Nano

HaoXin Technology

Nanocyl

Arkema

Showa Denko

OCSiAl

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