

Global Carbon Nanotube (CNT) Materials Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Carbon nanotubes (CNTs) are cylindrical molecules that consist of rolled-up sheets of single-layer carbon atoms (graphene). They can be single-walled (SWCNT) with a diameter of less than 1 nanometer (nm) or multi-walled (MWCNT), consisting of several concentrically interlinked nanotubes, with diameters reaching more than 100 nm. Their length can reach several micrometers or even millimeters.

According to our (Global Info Research) latest study, the global Carbon Nanotube (CNT) Materials market size was valued at USD 436.9 million in 2022 and is forecast to a readjusted size of USD 4930.1 million by 2029 with a CAGR of 41.4% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Global key players of Carbon Nanotube (CNT) Materials include OCSiAl, Cnano, LG Chem, SUSN Nano, HaoXin Technology, etc. Global top 5 companies hold a share over 70%. Asia-Pacific is the largest market, with a share over 50%, followed by North America and Europe with the share about 15% respectively. In terms of type, the market share of MWNTs is about 60%. In the application field, the market share of lithium battery has reached more than 73%.

This report is a detailed and comprehensive analysis for global Carbon Nanotube (CNT) Materials market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market

share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Carbon Nanotube (CNT) Materials market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Carbon Nanotube (CNT) Materials market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Carbon Nanotube (CNT) Materials market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Carbon Nanotube (CNT) Materials market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Carbon Nanotube (CNT) Materials

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Carbon Nanotube (CNT) Materials market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cnano, LG Chem, SUSN Nano, HaoXin Technology and Nanocyl, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Carbon Nanotube (CNT) Materials market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

SWNTs

MWNTs

Market segment by Application

Lithium Battery Field

Conductive Plastic Field

Others

Major players covered

Cnano

LG Chem

SUSN Nano

HaoXin Technology

Nanocyl

Arkema

Showa Denko

OCSiAl

Kumho Petrochemical

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Carbon Nanotube (CNT) Materials product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Carbon Nanotube (CNT) Materials, with price, sales, revenue and global market share of Carbon Nanotube (CNT) Materials from 2018 to 2023.

Chapter 3, the Carbon Nanotube (CNT) Materials competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Carbon Nanotube (CNT) Materials breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Carbon Nanotube (CNT) Materials market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Carbon Nanotube (CNT) Materials.

Chapter 14 and 15, to describe Carbon Nanotube (CNT) Materials sales channel, distributors, customers, research findings and conclusion.

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