

Global Markets and Technologies for Carbon Nanotubes

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Abstracts

Report Scope:

This report examines the global markets and technologies for carbon nanotubes (CNTs). In this report, the global carbon nanotubes market is analyzed by type (single-walled carbon nanotubes (SWCNT) and multi-walled carbon nanotubes [MWCNT]), technology (chemical vapor deposition (CVD), arc discharge, high-pressure carbon monoxide, laser ablation, and others [electrolysis, ball milling, diffusion flame synthesis, etc.]), end user (transportation; energy and storage; electronics and semiconductors; chemical, materials and polymers; medical; and others [sports equipment, construction, textile etc.]), and region (North America, Europe, Asia-Pacific, South America, and Middle East and Africa). The base year for this market study is 2023, and the estimates and forecasts are for 2024 through 2029. Market estimates are in millions of U.S. dollars. The report concentrates on carbon nanotube products and technologies currently in commercial use; while promising, other products that are not likely to make it out of the laboratory during the forecast period are not included. The market size estimates include the revenue that CNT-producing companies generate by incorporating industrial-scale technologies.

Report Includes:

45 data tables and 49 additional tables

An analysis of the current and future global markets and technology for carbon nanotubes

Analyses of global market trends, with market revenue data (sales figures) for

2023, estimates for 2024, and projected CAGRs through 2029

Estimates of the market size and revenue forecasts for the carbon nanotube market, with market share analysis by type, technology, end user and region

Discussions of the market dynamics, opportunities and challenges, as well as emerging technologies

Discussion of environmental concerns related to CNTs and insights into key regulators in the carbon nanotubes industry

Coverage of advancements in the medical sector and information on recent innovations in the space industry incorporating carbon nanotubes

Overview of the sustainability trends and ESG developments in the industry, with emphasis on the ESG practices of leading companies, their ESG scores, and consumer attitudes

Competitive intelligence, including companies' market shares, recent M&A activity and venture funding

Profiles of the leading companies, including LG Chem, Arkema SA, Cabot Corp., Birla Carbon and Kumho Petrochemical Co. Ltd.

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Plasma-Enhanced Chemical Vapor Deposition (PECVD)

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BIRLA CARBON
CABOT CORP.
CANATU
CHASM
JIANGSU CNANO TECHNOLOGY CO. LTD.
KUMHO PETROCHEMICAL
LG CHEM
NANO-C
NANOGRAFI NANO TECHNOLOGY
NOVARIALS CORP.
OCSIAL
RAYMOR INDUSTRIES INC.
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