

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Carbon Nanotubes Market 2018, Forecast to 2023

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Abstracts

Carbon nanotubes (CNTs) are allotropes of carbon with a cylindrical nanostructure. These cylindrical carbon molecules have unusual properties, which are valuable for nanotechnology, electronics, optics and other fields of materials science and technology. Owing to the material's exceptional strength and stiffness, nanotubes have been constructed with length-to-diameter ratio of up to 132,000,000:1, significantly larger than for any other material.

Scope of the Report:

This report focuses on the Carbon Nanotubes in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. There has been a significant growth in the use of miniaturized components, particularly for the various consumer electronic devices. Components are being designed to nano-sized physical dimensions, which allow more number of surface mount devices (SMDs) to be placed on a printed circuit board (PCB). Miniaturization has been done in various devices ranging from mobile phones, car engines, computers, and even phone adapters. The growing need for miniaturization of semiconductor components is driving the demand for carbon nanotubes. The manufacturers are using new material combinations to develop ultra-miniaturized semiconductor components. Semiconductor component manufacturers are using carbon nanotube materials as they have excellent electrical properties both as semiconductors and metals. This will further contribute to the growing demand of the market.

The worldwide market for Carbon Nanotubes is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in

2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Arkema

Cnano Technology

KUMHO PETROCHEMICAL

Nanocyl

OCSiAl

Showa Denko

Thomas Swan

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Single-Wall Carbon Nanotubes

Multi-Wall Carbon Nanotubes

Market Segment by Applications, can be divided into

Polymers

Energy

Electricals & Electronics

Medical

Chemical

Optical Devices

Others

There are 15 Chapters to deeply display the global Carbon Nanotubes market.

Chapter 1, to describe Carbon Nanotubes Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Carbon Nanotubes, with sales, revenue, and price of Carbon Nanotubes, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Carbon Nanotubes, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Carbon Nanotubes market forecast, by regions, type and application, with

sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Carbon Nanotubes sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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