

# Global Fullerene Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our (Global Info Research) latest study, the global Fullerene market size was valued at US\$ 286 million in 2024 and is forecast to a readjusted size of USD 476 million by 2031 with a CAGR of 7.6% during review period.

A fullerene is a molecule of carbon in the form of a hollow sphere, ellipsoid, tube, and many other shapes. Spherical fullerenes, also referred to as Buckminsterfullerenes (buckyballs), resemble the balls used in football (soccer). Cylindrical fullerenes are also called carbon nanotubes (buckytubes). Fullerenes are similar in structure to graphite, which is composed of stacked graphene sheets of linked hexagonal rings; unless they are cylindrical, they must also contain pentagonal (or sometimes heptagonal) rings.

Global core fullerene manufacturers include VC60, Nano-C etc. The top 1 company hold a share about 30%. Japan is the largest market, with a share about 44%, followed by North America with the share about 25%. In terms of product, C60 is the largest segment, with a share over 78%. And in terms of application, the largest application is cosmetics, followed by semiconductor & electronics.

This report is a detailed and comprehensive analysis for global Fullerene 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 2025, are provided.

Key Features:

Global Fullerene market size and forecasts, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (USD/kg), 2020-2031

Global Fullerene market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (USD/kg), 2020-2031

Global Fullerene market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Kg), and average selling prices (USD/kg), 2020-2031

Global Fullerene market shares of main players, shipments in revenue (\$ Million), sales quantity (Kg), and ASP (USD/kg), 2020-2025

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 Fullerene

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 Fullerene market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include VC60, Nano-C, Frontier Carbon Corporation, Solenne BV, MTR, BuckyUSA, EMFUTUR Technologies, MER Holdings, NeoTechProduct, Xiamen Funano, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Fullerene market is split by Type and by Application. For the period 2020-2031, 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

C60

C70

Others

## Market segment by Application

Cosmetics

Pharmaceutical

Semiconductor & Electronics

Renewable Energy

Others

## Major players covered

VC60

Nano-C

Frontier Carbon Corporation

Solenne BV

MTR

BuckyUSA

EMFUTUR Technologies

MER Holdings

NeoTechProduct

Xiamen Funano

COCC

Suzhou Dade

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 Fullerene product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Fullerene, with price, sales quantity, revenue, and global market share of Fullerene from 2020 to 2025.

Chapter 3, the Fullerene competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Fullerene breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market

share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Fullerene market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Fullerene.

Chapter 14 and 15, to describe Fullerene sales channel, distributors, customers, research findings and conclusion.

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