

Global Single-layer and Few-layer Graphene Oxide 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 Single-layer and Few-layer Graphene Oxide market size was valued at US\$ 18.5 million in 2024 and is forecast to a readjusted size of USD 101 million by 2031 with a CAGR of 28.3% during review period.

Single-layer graphene oxide is a two - dimensional nanomaterial with a thickness of a single atomic layer. It is obtained through processes such as strong - acid oxidation of graphite, followed by ultrasonic exfoliation, dispersion, and pulverization to form a sheet - like substance. Few-layer graphene oxide is a two - dimensional nanomaterial composed of 2 - 10 layers of graphene oxide sheets stacked together.

This report is a detailed and comprehensive analysis for global Single-layer and Few-layer Graphene Oxide 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 Single-layer and Few-layer Graphene Oxide market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2020-2031

Global Single-layer and Few-layer Graphene Oxide market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling

prices (US\$/Kg), 2020-2031

Global Single-layer and Few-layer Graphene Oxide market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Kg), 2020-2031

Global Single-layer and Few-layer Graphene Oxide market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/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 Single-layer and Few-layer Graphene Oxide

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 Single-layer and Few-layer Graphene Oxide 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 Hangzhou Gaoxi Technology, Global Graphene Group, LayerOne, ACS Material, Cheap Tubes, Taizhou Sunano New Energy, etc.

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

Market Segmentation

Single-layer and Few-layer Graphene Oxide 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

Single-layer Graphene Oxide

Few-layer Graphene Oxide

Market segment by Application

Functional Materials

Energy Materials

Sensor Materials

Others

Major players covered

Hangzhou Gaoxi Technology

Global Graphene Group

LayerOne

ACS Material

Cheap Tubes

Taizhou Sunano New Energy

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 Single-layer and Few-layer Graphene Oxide product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Single-layer and Few-layer Graphene Oxide, with price, sales quantity, revenue, and global market share of Single-layer and

Few-layer Graphene Oxide from 2020 to 2025.

Chapter 3, the Single-layer and Few-layer Graphene Oxide competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Single-layer and Few-layer Graphene Oxide 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 Single-layer and Few-layer Graphene Oxide 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 Single-layer and Few-layer Graphene Oxide.

Chapter 14 and 15, to describe Single-layer and Few-layer Graphene Oxide sales channel, distributors, customers, research findings and conclusion.

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