

Graphene - Global Market Outlook (2020-2028)

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Abstracts

According to Stratistics MRC, the Global Graphene Market is accounted for \$620.00 million in 2020 and is expected to reach \$2,848.88 million by 2028 growing at a CAGR of 21.0% during the forecast period. Factors such as increasing consumer electronics demand, growing adoption of renewable energy, and developments in the field of nanotechnology are driving the growth of the market. However, toxic nature of graphene is hampering the growth of the market.

Graphene is a two dimensional carbon allotrope, arranged in a honeycomb crystal lattice due to which it is extremely flexible and much stronger than products like steel and diamond. Graphene is known for its properties such as high mechanical strength, thermal conductivity, barrier properties, lubricating properties, and electrical conductivity which gives a potential to replace existing materials in a wide range of applications.

Based on the type, the graphene oxide (GO) segment is anticipated to expand at a rapid pace during the forecast period owing to its characteristics such as including high thermal and electrical conductivity, permeability, and transparency. By geography, Asia Pacific is going to have high growth during the forecast period which can be attributed to the presence of a large number of manufacturers and consumers for automotive vehicles, electric batteries, and electronics components.

Some of the key players profiled in the Graphene Market include Group Nanoxplore, Inc., Graphenea SA, Nanjing XFNANO Materials Co., Ltd, Haydale Graphene Industries plc, Graphene Nanochem plc, Thomas Swan & Co., Ltd, Vorbeck Materials, BGT Materials Limited, CVD Equipment Corporation, Directa Plus S.p.A, Angstron Materials, Inc, Perpetuus Advanced Material PLC, AMO GmbH, ACS Material, LLC, and Graphene Laboratories, Inc.

Forms Covered:



Dispersion/ Solution
Powder
Types Covered:
Mono-Layer & Bi-Layer Graphene
Few Layer Graphene (FLG)
Multi-Layer Graphene (MLG)
Bulk Graphene
Graphene Oxide (GO)
Graphene Nano Platelets (GNP)
Graphene Nanoflakes
Reduced Graphene Oxide
Chemical Vapor Deposition (CVD) Graphene Films
Graphene Sheets
Nanoribbons
Graphene Powder
Other Types
Technologies Covered:

Graphene - Global Market Outlook (2020-2028)

Graphene Exfoliation

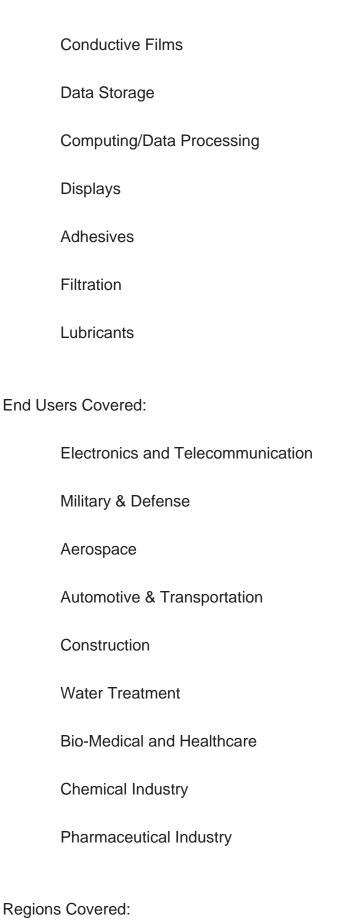
Chemical Vapor Deposition



Applications Covered:	
Composite Materi	als
Biological Enginee	ering
Energy Storage &	Harvesting
Ra	dio Frequency Identification (RFID)
Transparent Elect	rodes
Integrated Circuits	3
Structural Materia	ls
Paints, Coatings,	and Inks
Batteries	
Capacitors and Su	upercapacitors
Transistors	
Sensing and Imag	ling
Research & Deve	lopment
Catalyst	
Tires	
Thermal Manager	nent
Photovoltaic Cells	/Solar Cells

Polymer Additives

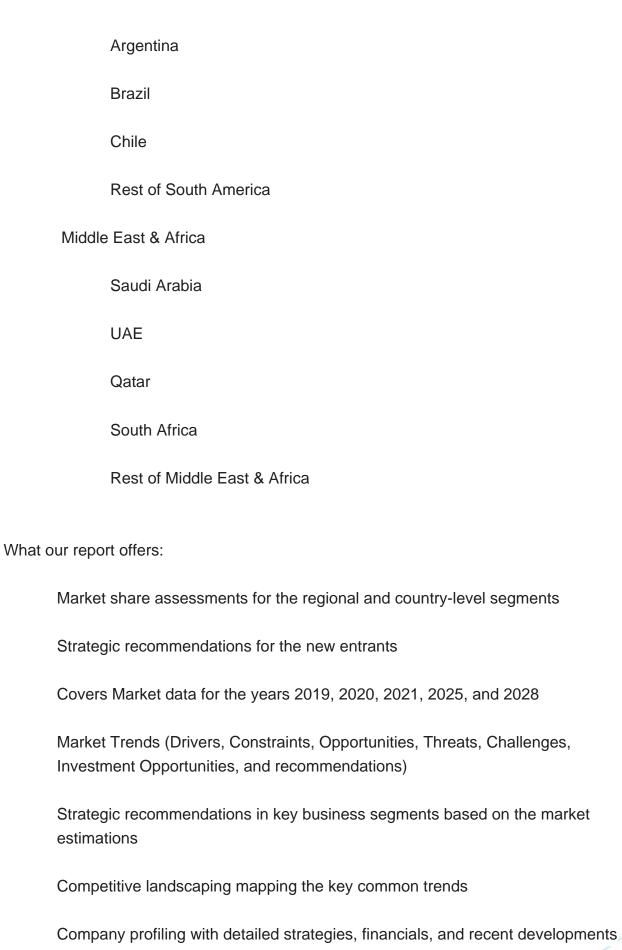






North America		
	US	
	Canada	
	Mexico	
Europe		
	Germany	
	UK	
	Italy	
	France	
	Spain	
	Rest of Europe	
Asia Pacific		
	Japan	
	China	
	India	
	Australia	
	New Zealand	
	South Korea	
	Rest of Asia Pacific	







Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances



Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Technology Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry



5 GLOBAL GRAPHENE MARKET, BY FORM

- 5.1 Introduction
- 5.2 Dispersion/ Solution
- 5.3 Powder

6 GLOBAL GRAPHENE MARKET, BY TYPE

- 6.1 Introduction
- 6.2 Mono-Layer & Bi-Layer Graphene
- 6.3 Few Layer Graphene (FLG)
- 6.4 Multi-Layer Graphene (MLG)
- 6.5 Bulk Graphene
- 6.6 Graphene Oxide (GO)
- 6.7 Graphene Nano Platelets (GNP)
- 6.8 Graphene Nanoflakes
- 6.9 Reduced Graphene Oxide
- 6.10 Chemical Vapor Deposition (CVD) Graphene Films
- 6.11 Graphene Sheets
- 6.12 Nanoribbons
- 6.13 Graphene Powder
- 6.14 Other Types
 - 6.14.1 Pristine Graphene
 - 6.14.2 3D Graphene Foams

7 GLOBAL GRAPHENE MARKET, BY TECHNOLOGY

- 7.1 Introduction
- 7.2 Chemical Vapor Deposition
- 7.3 Graphene Exfoliation

8 GLOBAL GRAPHENE MARKET, BY APPLICATION

- 8.1 Introduction
- 8.2 Composite Materials
- 8.3 Biological Engineering
- 8.4 Energy Storage & Harvesting
- 8.5 Radio Frequency Identification (RFID)



- 8.6 Transparent Electrodes
- 8.7 Integrated Circuits
- 8.8 Structural Materials
- 8.9 Paints, Coatings, and Inks
- 8.10 Batteries
- 8.11 Capacitors and Supercapacitors
- 8.12 Transistors
- 8.13 Sensing and Imaging
- 8.14 Research & Development
- 8.15 Catalyst
- **8.16 Tires**
- 8.17 Thermal Management
- 8.18 Photovoltaic Cells/Solar Cells
- 8.19 Polymer Additives
- 8.20 Conductive Films
- 8.21 Data Storage
- 8.22 Computing/Data Processing
- 8.23 Displays
- 8.24 Adhesives
- 8.25 Filtration
- 8.26 Lubricants

9 GLOBAL GRAPHENE MARKET, BY END USER

- 9.1 Introduction
- 9.2 Electronics and Telecommunication
- 9.3 Military & Defense
- 9.4 Aerospace
- 9.5 Automotive & Transportation
- 9.6 Construction
- 9.7 Water Treatment
- 9.8 Bio-Medical and Healthcare
- 9.9 Chemical Industry
- 9.10 Pharmaceutical Industry

10 GLOBAL GRAPHENE MARKET, BY GEOGRAPHY

- 10.1 Introduction
- 10.2 North America



- 10.2.1 US
- 10.2.2 Canada
- 10.2.3 Mexico
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.2 UK
 - 10.3.3 Italy
 - 10.3.4 France
 - 10.3.5 Spain
 - 10.3.6 Rest of Europe
- 10.4 Asia Pacific
 - 10.4.1 Japan
 - 10.4.2 China
 - 10.4.3 India
 - 10.4.4 Australia
 - 10.4.5 New Zealand
 - 10.4.6 South Korea
 - 10.4.7 Rest of Asia Pacific
- 10.5 South America
 - 10.5.1 Argentina
 - 10.5.2 Brazil
 - 10.5.3 Chile
 - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
 - 10.6.1 Saudi Arabia
 - 10.6.2 UAE
 - 10.6.3 Qatar
 - 10.6.4 South Africa
 - 10.6.5 Rest of Middle East & Africa

11 KEY DEVELOPMENTS

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

12 COMPANY PROFILING



- 12.1 Group Nanoxplore, Inc.
- 12.2 Graphenea SA
- 12.3 Nanjing XFNANO Materials Co., Ltd
- 12.4 Haydale Graphene Industries plc
- 12.5 Graphene Nanochem plc
- 12.6 Thomas Swan & Co., Ltd
- 12.7 Vorbeck Materials
- 12.8 BGT Materials Limited
- 12.9 CVD Equipment Corporation
- 12.10 Directa Plus S.p.A
- 12.11 Angstron Materials, Inc
- 12.12 Perpetuus Advanced Material PLC
- 12.13 AMO GmbH
- 12.14 ACS Material, LLC
- 12.15 Graphene Laboratories, Inc



List Of Tables

LIST OF TABLES

Table 1 Global Graphene Market Outlook, By Region (2019-2028) (\$MN)

Table 2 Global Graphene Market Outlook, By Form (2019-2028) (\$MN)

Table 3 Global Graphene Market Outlook, By Dispersion/ Solution (2019-2028) (\$MN)

Table 4 Global Graphene Market Outlook, By Powder (2019-2028) (\$MN)

Table 5 Global Graphene Market Outlook, By Type (2019-2028) (\$MN)

Table 6 Global Graphene Market Outlook, By Mono-Layer & Bi-Layer Graphene (2019-2028) (\$MN)

Table 7 Global Graphene Market Outlook, By Few Layer Graphene (FLG) (2019-2028) (\$MN)

Table 8 Global Graphene Market Outlook, By Multi-Layer Graphene (MLG) (2019-2028) (\$MN)

Table 9 Global Graphene Market Outlook, By Bulk Graphene (2019-2028) (\$MN)

Table 10 Global Graphene Market Outlook, By Graphene Oxide (GO) (2019-2028) (\$MN)

Table 11 Global Graphene Market Outlook, By Graphene Nano Platelets (GNP) (2019-2028) (\$MN)

Table 12 Global Graphene Market Outlook, By Graphene Nanoflakes (2019-2028) (\$MN)

Table 13 Global Graphene Market Outlook, By Reduced Graphene Oxide (2019-2028) (\$MN)

Table 14 Global Graphene Market Outlook, By Chemical Vapor Deposition (CVD) Graphene Films (2019-2028) (\$MN)

Table 15 Global Graphene Market Outlook, By Graphene Sheets (2019-2028) (\$MN)

Table 16 Global Graphene Market Outlook, By Nanoribbons (2019-2028) (\$MN)

Table 17 Global Graphene Market Outlook, By Graphene Powder (2019-2028) (\$MN)

Table 18 Global Graphene Market Outlook, By Other Types (2019-2028) (\$MN)

Table 19 Global Graphene Market Outlook, By Pristine Graphene (2019-2028) (\$MN)

Table 20 Global Graphene Market Outlook, By 3D Graphene Foams (2019-2028) (\$MN)

Table 21 Global Graphene Market Outlook, By Technology (2019-2028) (\$MN)

Table 22 Global Graphene Market Outlook, By Chemical Vapor Deposition (2019-2028) (\$MN)

Table 23 Global Graphene Market Outlook, By Graphene Exfoliation (2019-2028) (\$MN)

Table 24 Global Graphene Market Outlook, By Application (2019-2028) (\$MN)

Table 25 Global Graphene Market Outlook, By Composite Materials (2019-2028) (\$MN)

Table 26 Global Graphene Market Outlook, By Biological Engineering (2019-2028)



(\$MN)

Table 27 Global Graphene Market Outlook, By Energy Storage & Harvesting (2019-2028) (\$MN)

Table 28 Global Graphene Market Outlook, By Radio Frequency Identification (RFID) (2019-2028) (\$MN)

Table 29 Global Graphene Market Outlook, By Transparent Electrodes (2019-2028) (\$MN)

Table 30 Global Graphene Market Outlook, By Integrated Circuits (2019-2028) (\$MN)

Table 31 Global Graphene Market Outlook, By Structural Materials (2019-2028) (\$MN)

Table 32 Global Graphene Market Outlook, By Paints, Coatings, and Inks (2019-2028) (\$MN)

Table 33 Global Graphene Market Outlook, By Batteries (2019-2028) (\$MN)

Table 34 Global Graphene Market Outlook, By Capacitors and Supercapacitors (2019-2028) (\$MN)

Table 35 Global Graphene Market Outlook, By Transistors (2019-2028) (\$MN)

Table 36 Global Graphene Market Outlook, By Sensing and Imaging (2019-2028) (\$MN)

Table 37 Global Graphene Market Outlook, By Research & Development (2019-2028) (\$MN)

Table 38 Global Graphene Market Outlook, By Catalyst (2019-2028) (\$MN)

Table 39 Global Graphene Market Outlook, By Tires (2019-2028) (\$MN)

Table 40 Global Graphene Market Outlook, By Thermal Management (2019-2028) (\$MN)

Table 41 Global Graphene Market Outlook, By Photovoltaic Cells/Solar Cells (2019-2028) (\$MN)

Table 42 Global Graphene Market Outlook, By Polymer Additives (2019-2028) (\$MN)

Table 43 Global Graphene Market Outlook, By Conductive Films (2019-2028) (\$MN)

Table 44 Global Graphene Market Outlook, By Data Storage (2019-2028) (\$MN)

Table 45 Global Graphene Market Outlook, By Computing/Data Processing (2019-2028) (\$MN)

Table 46 Global Graphene Market Outlook, By Displays (2019-2028) (\$MN)

Table 47 Global Graphene Market Outlook, By Adhesives (2019-2028) (\$MN)

Table 48 Global Graphene Market Outlook, By Filtration (2019-2028) (\$MN)

Table 49 Global Graphene Market Outlook, By Lubricants (2019-2028) (\$MN)

Table 50 Global Graphene Market Outlook, By End User (2019-2028) (\$MN)

Table 51 Global Graphene Market Outlook, By Electronics and Telecommunication (2019-2028) (\$MN)

Table 52 Global Graphene Market Outlook, By Military & Defense (2019-2028) (\$MN)

Table 53 Global Graphene Market Outlook, By Aerospace (2019-2028) (\$MN)



Table 54 Global Graphene Market Outlook, By Automotive & Transportation (2019-2028) (\$MN)

Table 55 Global Graphene Market Outlook, By Construction (2019-2028) (\$MN)

Table 56 Global Graphene Market Outlook, By Water Treatment (2019-2028) (\$MN)

Table 57 Global Graphene Market Outlook, By Bio-Medical and Healthcare (2019-2028) (\$MN)

Table 58 Global Graphene Market Outlook, By Chemical Industry (2019-2028) (\$MN) Table 59 Global Graphene Market Outlook, By Pharmaceutical Industry (2019-2028) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.



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