

Global Graphene Composites Market Size study, by Type (Polymer-based, Metal-based, Ceramic-based, and Others), by Application (Sports & Wearable Goods, Aerospace & Defense, Automotive, Building & Construction, Energy Storage & Generation, Others) and Regional Forecasts 2020-2027

<https://marketpublishers.com/r/G97D83AD28F7EN.html>

Date: March 2021

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G97D83AD28F7EN

Abstracts

Global Graphene Composites Market is valued approximately at USD 13.1 million in 2019 and is anticipated to grow with a healthy growth rate of more than 38% over the forecast period 2020-2027. The recent technological development in industrial application to deploy lightweight and environment sustainable materials has enabled the manufacturers to utilize graphene composites. Graphene composites are the sort of materials which are manufactured by combination of two or more materials, including graphene, which delivers exceptional attribute in end-use applications. As a result, graphene composites is considered to be an efficient choice for manufacturing of cost-efficient transparent conductive films, chemical sensors, and antibacterial materials. This is expected to provide enormous opportunities for the potential investors to pursue the market growth over the forthcoming years. Moreover, the rise in research and development (R&D) activities across developed and emerging nations, growing demand for lightweight materials in industrial applications, and increasing adoption of graphene in sports & wearable devices and electric vehicles are the few factors responsible for the high CAGR of the market during the forecast period. In wearable sensing technology, graphene composites has developed as one of the most significantly used materials, owing to its exceptional properties of lightweight, ultra-high carrier mobility, robust mechanical flexibility, and better environment stability. According to the International Data Corporation's (IDC) Worldwide Quarterly Wearable Device Tracker, the global shipments of wearable devices were valued at almost 305.2 million units in

2019, signifying an increase of 71.4% from 2018 (approx. 178.0 million-unit shipments). This, in turn, is likely to strengthen the demand for Graphene Composites, thereby contributing to the market growth around the world. However, the high cost of graphene composites is one of the prime factors restraining the market growth over the forecast period of 2020-2027.

The regional analysis of the global Graphene Composites market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. Europe is the leading/significant region across the world in terms of market share owing to the rising government initiative to opt for graphene composites, along with the wide presence of market vendors in the region. Whereas Asia-Pacific is anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the growing application of graphene in automotive and aerospace sector coupled with favourable government initiatives concerning graphene composites in the developing nations, such as China and India, are the few factors creating a lucrative opportunity for the growth of the Graphene Composites market in the Asia-Pacific region.

Major market player included in this report are:

AD-Nano Technologies Pvt. Ltd.
G6 Materials Corp.
Haydale Graphene Industries plc
Graphene One LLC
Graphenano Group
Graphmatech AB
Gnanomat SL
XG Sciences, Inc
NanoXplore Inc

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Polymer Based
Metal Based
Ceramic Based
Others

By Application:

Sports & Wearable Goods
Aerospace & Defense
Automotive
Building & Construction
Energy Storage & Generation
Others

By Region:

North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Global Graphene Composites Market Size study, by Type (Polymer-based, Metal-based, Ceramic-based, and Others),...

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Graphene Composites Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Million)
 - 1.2.1. Graphene Composites Market, by Region, 2018-2027 (USD Million)
 - 1.2.2. Graphene Composites Market, by Type, 2018-2027 (USD Million)
 - 1.2.3. Graphene Composites Market, by Application, 2018-2027 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL GRAPHENE COMPOSITES MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL GRAPHENE COMPOSITES MARKET DYNAMICS

- 3.1. Graphene Composites Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL GRAPHENE COMPOSITES MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)

- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economic
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL GRAPHENE COMPOSITES MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Graphene Composites Market by Type, Performance - Potential Analysis
- 5.3. Global Graphene Composites Market Estimates & Forecasts by Type 2017-2027 (USD Million)
- 5.4. Graphene Composites Market, Sub Segment Analysis
 - 5.4.1. Polymer Based
 - 5.4.2. Metal Based
 - 5.4.3. Ceramic Based
 - 5.4.4. Others

CHAPTER 6. GLOBAL GRAPHENE COMPOSITES MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Graphene Composites Market by Application, Performance - Potential Analysis
- 6.3. Global Graphene Composites Market Estimates & Forecasts by Application 2017-2027 (USD Million)
- 6.4. Graphene Composites Market, Sub Segment Analysis
 - 6.4.1. Sports & Wearable Goods
 - 6.4.2. Aerospace & Defence
 - 6.4.3. Automotive
 - 6.4.4. Building & Construction
 - 6.4.5. Energy Storage & Generation
 - 6.4.6. Others

CHAPTER 7. GLOBAL GRAPHENE COMPOSITES MARKET, REGIONAL ANALYSIS

- 7.1. Graphene Composites Market, Regional Market Snapshot

Global Graphene Composites Market Size study, by Type (Polymer-based, Metal-based, Ceramic-based, and Others),...

- 7.2. North America Graphene Composites Market
 - 7.2.1. U.S. Graphene Composites Market
 - 7.2.1.1. Type breakdown estimates & forecasts, 2017-2027
 - 7.2.1.2. Application breakdown estimates & forecasts, 2017-2027
 - 7.2.2. Canada Graphene Composites Market
- 7.3. Europe Graphene Composites Market Snapshot
 - 7.3.1. U.K. Graphene Composites Market
 - 7.3.2. Germany Graphene Composites Market
 - 7.3.3. France Graphene Composites Market
 - 7.3.4. Spain Graphene Composites Market
 - 7.3.5. Italy Graphene Composites Market
 - 7.3.6. Rest of Europe Graphene Composites Market
- 7.4. Asia-Pacific Graphene Composites Market Snapshot
 - 7.4.1. China Graphene Composites Market
 - 7.4.2. India Graphene Composites Market
 - 7.4.3. Japan Graphene Composites Market
 - 7.4.4. Australia Graphene Composites Market
 - 7.4.5. South Korea Graphene Composites Market
 - 7.4.6. Rest of Asia Pacific Graphene Composites Market
- 7.5. Latin America Graphene Composites Market Snapshot
 - 7.5.1. Brazil Graphene Composites Market
 - 7.5.2. Mexico Graphene Composites Market
- 7.6. Rest of The World Graphene Composites Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. AD-Nano Technologies Pvt. Ltd.
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. G6 Materials Corp.
 - 8.2.3. Haydale Graphene Industries plc
 - 8.2.4. Graphene One LLC
 - 8.2.5. Graphenano Group
 - 8.2.6. Graphmatech AB

- 8.2.7. Gnanomat SL
- 8.2.8. XG Sciences, Inc
- 8.2.9. NanoXplore Inc

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

List Of Tables

LIST OF TABLES

- TABLE 1. Global Graphene Composites market, report scope
- TABLE 2. Global Graphene Composites market estimates & forecasts by region
2017-2027 (USD Million)
- TABLE 3. Global Graphene Composites market estimates & forecasts by Type
2017-2027 (USD Million)
- TABLE 4. Global Graphene Composites market estimates & forecasts by Application
2017-2027 (USD Million)
- TABLE 5. Global Graphene Composites market by segment, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 6. Global Graphene Composites market by region, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 7. Global Graphene Composites market by segment, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 8. Global Graphene Composites market by region, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 9. Global Graphene Composites market by segment, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 10. Global Graphene Composites market by region, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 11. Global Graphene Composites market by segment, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 12. Global Graphene Composites market by region, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 13. Global Graphene Composites market by segment, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 14. Global Graphene Composites market by region, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 15. Global Graphene Composites market by segment, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 16. Global Graphene Composites market by region, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 17. Global Graphene Composites market by segment, estimates & forecasts,
2017-2027 (USD Million)
- TABLE 18. Global Graphene Composites market by region, estimates & forecasts,
2017-2027 (USD Million)

TABLE 19. Global Graphene Composites market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 20. Global Graphene Composites market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 21. U.S. Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 22. U.S. Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 23. U.S. Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 24. Canada Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 25. Canada Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 26. Canada Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 27. UK Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 28. UK Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 29. UK Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 30. Germany Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 31. Germany Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 32. Germany Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 33. France Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 34. France Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 35. France Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 36. Spain Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 37. Spain Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 38. Spain Graphene Composites market estimates & forecasts by segment

2017-2027 (USD Million)

TABLE 39. Italy Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 40. Italy Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 41. Italy Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 42. ROE Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 43. ROE Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 44. ROE Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 45. China Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 46. China Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 47. China Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 48. India Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 49. India Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 50. India Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 51. Japan Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 52. Japan Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 53. Japan Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 54. Australia Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 55. Australia Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 56. Australia Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 57. South Korea Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 58. South Korea Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 59. South Korea Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 60. ROPAC Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 61. ROPAC Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 62. ROPAC Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 63. Brazil Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 64. Brazil Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 65. Brazil Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 66. Mexico Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 67. Mexico Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 68. Mexico Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 69. ROLA Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 70. ROLA Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 71. ROLA Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 72. ROW Graphene Composites market estimates & forecasts, 2017-2027 (USD Million)

TABLE 73. ROW Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 74. ROW Graphene Composites market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 75. List of secondary sources, used in the study of global Graphene Composites market

TABLE 76. List of primary sources, used in the study of global Graphene Composites market

TABLE 77. Years considered for the study

TABLE 78. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Graphene Composites market, research methodology
- FIG 2. Global Graphene Composites market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Graphene Composites market, key trends 2019
- FIG 5. Global Graphene Composites market, growth prospects 2020-2027
- FIG 6. Global Graphene Composites market, porters 5 force model
- FIG 7. Global Graphene Composites market, pest analysis
- FIG 8. Global Graphene Composites market, value chain analysis
- FIG 9. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 10. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 11. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 12. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 13. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 14. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 15. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 16. Global Graphene Composites market by segment, 2017 & 2027 (USD Million)
- FIG 17. Global Graphene Composites market, regional snapshot 2017 & 2027
- FIG 18. North America Graphene Composites market 2017 & 2027 (USD Million)
- FIG 19. Europe Graphene Composites market 2017 & 2027 (USD Million)
- FIG 20. Asia-Pacific Graphene Composites market 2017 & 2027 (USD Million)
- FIG 21. Latin America Graphene Composites market 2017 & 2027 (USD Million)
- FIG 22. Global Graphene Composites market, company market share analysis (2019)

I would like to order

Product name: Global Graphene Composites Market Size study, by Type (Polymer-based, Metal-based, Ceramic-based, and Others), by Application (Sports & Wearable Goods, Aerospace & Defense, Automotive, Building & Construction, Energy Storage & Generation, Others) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/G97D83AD28F7EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G97D83AD28F7EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970