

# **Global Epoxy Composite Market Size study & Forecast, by Fiber (Glass Fiber, Carbon Fiber, Other Fiber) by End-use (Automotive & Transportation, Aerospace & Defense, Wind Energy, Electrical & Electronics, Sporting & Consumer Goods, Other End-use (Oil & Gas, Marine, Construction)) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Epoxy Composite Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Epoxy composite is a type of polymer component which could be used as an epoxy resin for creating a polymer matrix. That can be applied to drones, military tanks, and so on. Thus, major driving factors for the market are the increase in demand for epoxy composite from the end-use industry, rising military expenditure, and growing demand for lightweight materials. Along with this, the market is being presented with a profitable growth potential by the adoption of low-cost production technologies and the expanding wind energy sector in developing economies. However, the high cost of raw materials is restraining the market growth over the forecast period.

According to Statista, in 2017, the military expenditure in the United Kingdom was 1.9 per cent of the total GDP which has increased to 2.2 per cent of the GDP in 2020. Along with this, the government of Germany has raised its defence budget to USD 112.7 billion in 2022 to produce ground vehicles and UAVs and to support Ukraine. Along with this, according to The National Interest, in 2017, Germany started the process of replacing 103 out-of-service Leopard 2A4 and 2A6 tanks with the newest model, the Leopard 2A7V, at a cost to the government of USD 833 million which is rising the demand for the epoxy composite market over the forecast period. Additionally,

according to Statista, in 2020, UAE has 434 military tanks and in Saudi Arabia, the number of military tanks was 1,062.

The key regions considered for the Global Epoxy Composite Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. The Asia Pacific dominated the market in terms of revenue, owing to the rising production of aircraft in the region and the presence of number of automotive manufacturers. North America is expected to grow with the highest CAGR during the forecast period, owing to factors such as the growing number of air passengers, increasing demand for private helicopters and growing investment for the military.

Major market player included in this report are:

Teijin Ltd.

Toray Industries, Inc.

Huntsman Corp. LLC

SGL Carbon

Hexcel Corp.

Solvay

Park Aerospace Corp.

Arkema

Avient Corp.

Olin Corp.

Recent Developments in the Market:

In September 2021, Notus Composites has launched low temperature curing epoxy composite. With this launch, the company is increasing its product portfolio in the market.

In May 2020, Park Aerospace has launched cured epoxy resin system named E-752-MTS medium toughness 350 ° F.

Global Epoxy Composite Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Fiber, End-use, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Fiber offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Fiber:

Glass Fiber

Carbon Fiber

Other Fiber

By End-use:

Automotive & Transportation

Aerospace & Defense

Wind Energy

Electrical & Electronics

Sporting & Consumer Goods

Other End-use (Oil & Gas, Marine, Construction)

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

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Epoxy Composite Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Epoxy Composite Market, by Fiber, 2021-2029 (USD Billion)
  - 1.2.3. Epoxy Composite Market, by End-use, 2021-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL EPOXY COMPOSITE 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 EPOXY COMPOSITE MARKET DYNAMICS

- 3.1. Epoxy Composite Market Impact Analysis (2020-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing demand for epoxy composite from the wind energy industry
    - 3.1.1.2. Rising military expenditure
  - 3.1.2. Market Challenges
    - 3.1.2.1. High Cost of raw material for Epoxy Composite
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Adoption of low-cost production technologies
    - 3.1.3.2. Growing wind energy industry in developing economies

### CHAPTER 4. GLOBAL EPOXY COMPOSITE 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
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Investment Adoption Model
- 4.5. Analyst Recommendation & Conclusion
- 4.6. Top investment opportunity
- 4.7. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL EPOXY COMPOSITE MARKET, BY FIBER**

- 6.1. Market Snapshot
- 6.2. Global Epoxy Composite Market by Fiber, Performance - Potential Analysis
- 6.3. Global Epoxy Composite Market Estimates & Forecasts by Fiber 2019-2029 (USD Billion)
- 6.4. Epoxy Composite Market, Sub Segment Analysis
  - 6.4.1. Glass Fiber
  - 6.4.2. Carbon Fiber
  - 6.4.3. Other Fiber

## **CHAPTER 7. GLOBAL EPOXY COMPOSITE MARKET, BY END-USE**

- 7.1. Market Snapshot
- 7.2. Global Epoxy Composite Market by End-use, Performance - Potential Analysis
- 7.3. Global Epoxy Composite Market Estimates & Forecasts by End-use 2019-2029 (USD Billion)
- 7.4. Epoxy Composite Market, Sub Segment Analysis
  - 7.4.1. Automotive & Transportation
  - 7.4.2. Aerospace & Defense

- 7.4.3. Wind Energy
- 7.4.4. Electrical & Electronics
- 7.4.5. Sporting & Consumer Goods
- 7.4.6. Other End-use (Oil & Gas, Marine, Construction)

## **CHAPTER 8. GLOBAL EPOXY COMPOSITE MARKET, REGIONAL ANALYSIS**

- 8.1. Epoxy Composite Market, Regional Market Snapshot
- 8.2. North America Epoxy Composite Market
  - 8.2.1. U.S. Epoxy Composite Market
    - 8.2.1.1. Fiber breakdown estimates & forecasts, 2019-2029
    - 8.2.1.2. End-use breakdown estimates & forecasts, 2019-2029
  - 8.2.2. Canada Epoxy Composite Market
- 8.3. Europe Epoxy Composite Market Snapshot
  - 8.3.1. U.K. Epoxy Composite Market
  - 8.3.2. Germany Epoxy Composite Market
  - 8.3.3. France Epoxy Composite Market
  - 8.3.4. Spain Epoxy Composite Market
  - 8.3.5. Italy Epoxy Composite Market
  - 8.3.6. Rest of Europe Epoxy Composite Market
- 8.4. Asia-Pacific Epoxy Composite Market Snapshot
  - 8.4.1. China Epoxy Composite Market
  - 8.4.2. India Epoxy Composite Market
  - 8.4.3. Japan Epoxy Composite Market
  - 8.4.4. Australia Epoxy Composite Market
  - 8.4.5. South Korea Epoxy Composite Market
  - 8.4.6. Rest of Asia Pacific Epoxy Composite Market
- 8.5. Latin America Epoxy Composite Market Snapshot
  - 8.5.1. Brazil Epoxy Composite Market
  - 8.5.2. Mexico Epoxy Composite Market
- 8.6. Rest of The World Epoxy Composite Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Top Market Strategies
- 9.2. Company Profiles
  - 9.2.1. Teijin Ltd.
    - 9.2.1.1. Key Information
    - 9.2.1.2. Overview

- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Toray Industries, Inc.
- 9.2.3. Huntsman Corp. LLC
- 9.2.4. SGL Carbon
- 9.2.5. Hexcel Corp.
- 9.2.6. Solvay
- 9.2.7. Park Aerospace Corp.
- 9.2.8. Arkema
- 9.2.9. Avient Corp.
- 9.2.10. Olin Corp.

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes
- 10.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Epoxy Composite Market, report scope

TABLE 2. Global Epoxy Composite Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Epoxy Composite Market estimates & forecasts by Fiber 2019-2029 (USD Billion)

TABLE 4. Global Epoxy Composite Market estimates & forecasts by End-use 2019-2029 (USD Billion)

TABLE 5. Global Epoxy Composite Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 6. Global Epoxy Composite Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Epoxy Composite Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Epoxy Composite Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Epoxy Composite Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Epoxy Composite Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Epoxy Composite Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Epoxy Composite Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Epoxy Composite Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Epoxy Composite Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. U.S. Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 17. U.S. Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. Canada Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. Canada Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. UK Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. UK Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. Germany Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Epoxy Composite Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 39. China Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Epoxy Composite Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Epoxy Composite Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Epoxy Composite Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 59. Brazil Epoxy Composite Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 60. Mexico Epoxy Composite Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 61. Mexico Epoxy Composite Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 62. Mexico Epoxy Composite Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 63. RoLA Epoxy Composite Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 64. RoLA Epoxy Composite Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 65. RoLA Epoxy Composite Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 66. Row Epoxy Composite Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 67. Row Epoxy Composite Market estimates & forecasts by segment 2019-2029  
(USD Billion)

TABLE 68. Row Epoxy Composite Market estimates & forecasts by segment 2019-2029  
(USD Billion)

TABLE 69. List of secondary sources, used in the study of global Epoxy Composite  
Market

TABLE 70. List of primary sources, used in the study of global Epoxy Composite Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final  
deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Epoxy Composite Market, research methodology
  - FIG 2. Global Epoxy Composite Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Epoxy Composite Market, key trends 2021
  - FIG 5. Global Epoxy Composite Market, growth prospects 2022-2029
  - FIG 6. Global Epoxy Composite Market, porters 5 force model
  - FIG 7. Global Epoxy Composite Market, pest analysis
  - FIG 8. Global Epoxy Composite Market, value chain analysis
  - FIG 9. Global Epoxy Composite Market by segment, 2019 & 2029 (USD Billion)
  - FIG 10. Global Epoxy Composite Market by segment, 2019 & 2029 (USD Billion)
  - FIG 11. Global Epoxy Composite Market by segment, 2019 & 2029 (USD Billion)
  - FIG 12. Global Epoxy Composite Market by segment, 2019 & 2029 (USD Billion)
  - FIG 13. Global Epoxy Composite Market by segment, 2019 & 2029 (USD Billion)
  - FIG 14. Global Epoxy Composite Market, regional snapshot 2019 & 2029
  - FIG 15. North America Epoxy Composite Market 2019 & 2029 (USD Billion)
  - FIG 16. Europe Epoxy Composite Market 2019 & 2029 (USD Billion)
  - FIG 17. Asia pacific Epoxy Composite Market 2019 & 2029 (USD Billion)
  - FIG 18. Latin America Epoxy Composite Market 2019 & 2029 (USD Billion)
  - FIG 19. Global Epoxy Composite Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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