

Global Automotive Thermoplastic Polymer Composite Market Size study, by Production Type (Hand Layup, Resin Transfer Molding, Vacuum Infusion Processing, Injection Molding, Compression Molding), by Application (Structural Assembly, Power Train Components, Interior, Exterior, Others) and Regional Forecasts 2020-2027

https://marketpublishers.com/r/G5D617487D17EN.html

Date: January 2021

Pages: 200

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

ID: G5D617487D17EN

Abstracts

Global Automotive Thermoplastic Polymer Composite Market is valued at approximately USD XXX billion in 2019 and is anticipated to grow with a healthy growth rate of more than 7% over the forecast period 2020-2027. The current technological developments in the automotive composite industry have enabled the automotive manufacturers to use efficient materials or technologies, which helps reduce the carbon emission level and improve the overall vehicle efficiency. For this reason, thermoplastic polymer composite has gained considerable popularity in automotive manufacturing. Also, the recent environmental and economic concerns raise awareness among automobile manufacturing companies for this composite material. As the use of thermoplastic polymer composite helps increased impact resistance of vehicles and reduce fuel consumption, owing to its low weight properties. Thus, this factor may strengthen market growth throughout the world. Moreover, rising sales and production of commercial vehicles and passenger cars, increasing awareness among automobile manufacturers concerning vehicle efficiency and fuel consumption, and strict government norms and regulation concerning environment safety are the few factors responsible for the CAGR of the market during the forecast period. As per the analysis of European Commission, it is projected that emission regulations require a mere 95Kg/Km by 2021 with a further 15% decline by 2025 and is likely to observe a 30% reduction in 2030 from 2021. Likewise, according to the Carbon Brief Organization, the



Indian Government planning to reduce the intensity of its carbon emission by 33-35% till 2030. This, in turn, is likely to strengthen the demand for automotive thermoplastic polymer composite, thereby contributing to the market growth around the world. However, the high cost of reinforcing materials and processing, coupled with the absence of a mass production method are the few factors restraining the market growth over the forecast period of 2020-2027.

The regional analysis of the global automotive thermoplastic polymer composite 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 focus to implement automotive thermoplastic polymer composite among manufacturers, along with the significant presence of market vendors in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the rise in production of passenger vehicles and luxury cars coupled with stringent government norms concerning environment safety and emission in the developing nations, such as China and India, are the few factors creating a lucrative opportunity for the growth of the Automotive Thermoplastic Polymer Composite market in the Asia-Pacific region.

Major market player included in this report are:

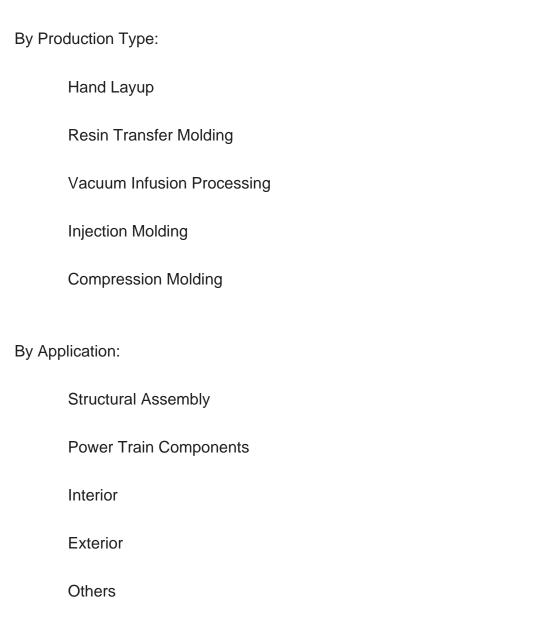
3B-Fibreglass sprl
Cytec Industries Inc.
Arkema Group
Celanese Corp.
Daicel Polymer Ltd.
DuPont de Nemours, Inc.
Hexcel Corp.
TechnoCompound GmbH

PolyOne Corporation



Toray Industries

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:









Latin America
Brazil
Mexico
Rest of the World
Furthermore, years considered for the study are as follows:
Historical year – 2017, 2018 Base year – 2019 Forecast period – 2020 to 2027
Target Audience of the Global Automotive Thermoplastic Polymer Composite 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 Billion)
- 1.2.1. Automotive Thermoplastic Polymer Composite Market, by Region, 2018-2027 (USD Billion)
- 1.2.2. Automotive Thermoplastic Polymer Composite Market, by Production Type, 2018-2027 (USD Billion)
- 1.2.3. Automotive Thermoplastic Polymer Composite Market, by Application, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMOTIVE THERMOPLASTIC POLYMER 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 AUTOMOTIVE THERMOPLASTIC POLYMER COMPOSITE MARKET DYNAMIC

- 3.1. Automotive Thermoplastic Polymer Composite Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL AUTOMOTIVE THERMOPLASTIC POLYMER 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMOTIVE THERMOPLASTIC POLYMER COMPOSITE MARKET, BY PRODUCTION TYPE

- 5.1. Market Snapshot
- 5.2. Global Automotive Thermoplastic Polymer Composite Market by Production Type, Performance Potential Analysis
- 5.3. Global Automotive Thermoplastic Polymer Composite Market Estimates & Forecasts by Production Type 2017-2027 (USD Billion)
- 5.4. Automotive Thermoplastic Polymer Composite Market, Sub Segment Analysis
 - 5.4.1. Hand Layup
 - 5.4.2. Resin Transfer Molding
 - 5.4.3. Vacuum Infusion Processing
 - 5.4.4. Injection Molding
 - 5.4.5. Compression Molding

CHAPTER 6. GLOBAL AUTOMOTIVE THERMOPLASTIC POLYMER COMPOSITE MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Automotive Thermoplastic Polymer Composite Market by Application, Performance Potential Analysis
- 6.3. Global Automotive Thermoplastic Polymer Composite Market Estimates & Forecasts by Application 2017-2027 (USD Billion)
- 6.4. Automotive Thermoplastic Polymer Composite Market, Sub Segment Analysis
 - 6.4.1. Structural Assembly
 - 6.4.2. Power Train Components



- 6.4.3. Interior
- 6.4.4. Exterior
- 6.4.5. Others

CHAPTER 7. GLOBAL AUTOMOTIVE THERMOPLASTIC POLYMER COMPOSITE MARKET, REGIONAL ANALYSIS

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

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. 3B-Fibreglass sprl
 - 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. Cytec Industries Inc.
- 8.2.3. Arkema Group
- 8.2.4. Celanese Corp.
- 8.2.5. Daicel Polymer Ltd.
- 8.2.6. DuPont de Nemours, Inc.
- 8.2.7. Hexcel Corp.
- 8.2.8. TechnoCompound GmbH
- 8.2.9. PolyOne Corporation
- 8.2.10. Toray Industries

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 Automotive Thermoplastic Polymer Composite market, report scope
- TABLE 2. Global Automotive Thermoplastic Polymer Composite market estimates & forecasts by region 2017-2027 (USD Billion)
- TABLE 3. Global Automotive Thermoplastic Polymer Composite market estimates & forecasts by Production Type 2017-2027 (USD Billion)
- TABLE 4. Global Automotive Thermoplastic Polymer Composite market estimates & forecasts by Application 2017-2027 (USD Billion)
- TABLE 5. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 6. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 7. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 8. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 9. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 10. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 11. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 12. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 13. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 14. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 15. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 16. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 17. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 18. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)



- TABLE 19. Global Automotive Thermoplastic Polymer Composite market by segment, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 20. Global Automotive Thermoplastic Polymer Composite market by region, estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 21. U.S. Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 22. U.S. Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 23. U.S. Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 24. Canada Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 25. Canada Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 26. Canada Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 27. UK Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 28. UK Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 29. UK Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 30. Germany Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 31. Germany Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 32. Germany Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 33. France Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 34. France Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 35. France Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 36. Spain Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)
- TABLE 37. Spain Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)
- TABLE 38. Spain Automotive Thermoplastic Polymer Composite market estimates &



forecasts by segment 2017-2027 (USD Billion)

TABLE 39. Italy Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 40. Italy Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 41. Italy Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 42. ROE Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 43. ROE Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 44. ROE Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 45. China Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 46. China Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 47. China Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 48. India Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 49. India Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 50. India Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 51. Japan Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 52. Japan Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 53. Japan Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 54. Australia Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 55. Australia Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 56. Australia Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 57. South Korea Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)



TABLE 58. South Korea Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 59. South Korea Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 60. ROPAC Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 61. ROPAC Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 62. ROPAC Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 63. Brazil Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 64. Brazil Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 65. Brazil Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 66. Mexico Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 67. Mexico Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 68. Mexico Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 69. ROLA Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 70. ROLA Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 71. ROLA Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 72. ROW Automotive Thermoplastic Polymer Composite market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 73. ROW Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 74. ROW Automotive Thermoplastic Polymer Composite market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 75. List of secondary sources, used in the study of global Automotive Thermoplastic Polymer Composite market

TABLE 76. List of primary sources, used in the study of global Automotive Thermoplastic Polymer Composite market

TABLE 77. Years considered for the study



TABLE 78. Exchange rates considered



List Of Figures

LIST OF FIGURES

- FIG 1. Global Automotive Thermoplastic Polymer Composite market, research methodology
- FIG 2. Global Automotive Thermoplastic Polymer Composite market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Automotive Thermoplastic Polymer Composite market, key trends 2019
- FIG 5. Global Automotive Thermoplastic Polymer Composite market, growth prospects 2020-2027
- FIG 6. Global Automotive Thermoplastic Polymer Composite market, porters 5 force model
- FIG 7. Global Automotive Thermoplastic Polymer Composite market, pest analysis
- FIG 8. Global Automotive Thermoplastic Polymer Composite market, value chain analysis
- FIG 9. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Automotive Thermoplastic Polymer Composite market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Automotive Thermoplastic Polymer Composite market, regional snapshot 2017 & 2027
- FIG 18. North America Automotive Thermoplastic Polymer Composite market 2017 & 2027 (USD Billion)
- FIG 19. Europe Automotive Thermoplastic Polymer Composite market 2017 & 2027 (USD Billion)



FIG 20. Asia-Pacific Automotive Thermoplastic Polymer Composite market 2017 & 2027 (USD Billion)

FIG 21. Latin America Automotive Thermoplastic Polymer Composite market 2017 & 2027 (USD Billion)

FIG 22. Global Automotive Thermoplastic Polymer Composite market, company market share analysis (2019)

COMPANIES MENTIONED

3B-Fibreglass sprl

Cytec Industries Inc.

Arkema Group

Celanese Corp.

Daicel Polymer Ltd.

DuPont de Nemours, Inc.

Hexcel Corp.

TechnoCompound GmbH

PolyOne Corporation

Toray Industries



I would like to order

Product name: Global Automotive Thermoplastic Polymer Composite Market Size study, by Production

Type (Hand Layup, Resin Transfer Molding, Vacuum Infusion Processing, Injection Molding, Compression Molding), by Application (Structural Assembly, Power Train Components, Interior, Exterior, Others) and Regional Forecasts 2020-2027

Product link: https://marketpublishers.com/r/G5D617487D17EN.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

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G5D617487D17EN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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 $+44\ 20\ 7900\ 3970$