

Automotive Composite Market by Type (Polymer Matrix Composite, Metal Matrix Composite, and Ceramic Matrix Composite) and by Application (Interior Components, Exterior Components, Chassis & Powertrain Components and Others) - Global Trends & Forecast to 2019

<https://marketpublishers.com/r/A8B70D35466EN.html>

Date: November 2014

Pages: 177

Price: US\$ 5,650.00 (Single User License)

ID: A8B70D35466EN

Abstracts

Composites have found wide acceptance in various industries including automotive because of their light weight and environmental resistance characteristics. On the basis of application areas, the market of automotive composite can be broadly segmented into interior, exterior, chassis & powertrain components and others. Though exterior components is the major application of automotive composite, chassis & powertrain components is an emerging market and the demand for the same is growing at a high pace.

The Asia-Pacific region is the biggest market of automotive composite, accounting for nearly 43.2% of the total automotive composite demand in 2013. There is a lot of scope in the Asia-Pacific market due to high demand and increasing automotive manufacturing base in the region. With the emerging technological developments and innovations, the global demand for automotive composite may further augment at a higher pace.

Currently, the penetration of automotive composite is increasing in high end cars and this trend can be seen being extended to mid-end to low end cars as well. Rising demand for fuel efficient vehicles, reduced weight, and parts consolidation are the major factors driving the increased demand in the automotive composite market. The design flexibility offered by composites is further pushing the market of automotive composite in different automotive applications. Technological developments & innovations and

expansions are identified as key strategies to expand the automotive composite market.

This study on automotive composite market estimates its global demand and market value for 2013 and projects the expected demand and market value of the same by 2019. As a part of the quantitative analysis, the study segments the global market by types and applications at country level with current market estimation and forecast till 2019. The countries covered in the report are the U.S., Mexico, Canada, Germany, Spain, France, U.K., China, Japan, India, South Korea, Brazil and Argentina. The segmentation by type includes polymer matrix composite, metal matrix composite and ceramic matrix composite. Additionally the polymer matrix composite is further subdivided into glass fiber composite, natural fiber composite, and carbon fiber composite; while on the basis of its application, the segmentation includes exterior, interior, chassis & powertrain components and others.

As a part of qualitative analysis, the research provides report with a comprehensive review of key market drivers, restraints, opportunities, and burning issues in the market.

It also includes company profiling and competitive strategies adopted by various market players including Toray Industries (Japan), Owens Corning (U.S.), Johns Manville (U.S.), SGL Group (Germany), Cytec Industries Inc. (U.S.), TenCate (Netherlands), Nippon Sheet Glass Co., Ltd. (Japan), Jushi Group Co. Ltd. (China), and Teijin Limited (Japan). The top automotive manufacturers such as Bayerische Motoren Werke Aktiengesellschaft (Germany), Volkswagen Group (Germany), General Motor Company (U.S.), and Ford Motor Company (U.S.) are also included.

Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY

1.2 MARKETS COVERED

1.2.1 BY TYPE

1.2.2 BY APPLICATION

1.2.3 BY REGION

1.3 YEAR

1.4 CURRENCY

1.5 PACKAGE SIZE

1.6 STAKEHOLDERS

1.7 MARKET SCOPE

1.8 LIMITATIONS

2 RESEARCH METHODOLOGY

2.1 RESEARCH METHODOLOGY

2.2 MARKET SIZE ESTIMATION

2.2.1 MARKET SIZE

2.3 MARKET CRACKDOWN & DATA TRIANGULATION

2.4 MARKET SHARE ESTIMATION

2.4.1 KEY DATA FROM SECONDARY SOURCES

2.4.2 KEY DATA FROM PRIMARY SOURCES

2.4.2.1 Key Industry Insights

2.4.3 ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN AUTOMOTIVE COMPOSITE MARKET

4.2 AUTOMOTIVE COMPOSITE MARKET, BY APPLICATION

4.3 AUTOMOTIVE COMPOSITE MARKET IN ASIA-PACIFIC

4.4 AUTOMOTIVE COMPOSITE MARKET ATTRACTIVENESS

4.5 AUTOMOTIVE COMPOSITE MARKET: DEVELOPED VS. DEVELOPING NATIONS

4.6 AUTOMOTIVE COMPOSITE MARKET'S LIFE CYCLE ANALYSIS, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 AUTOMOTIVE COMPOSITE MARKET, BY TYPE

5.2.1.1 Polymer Matrix Composite (PMC)

5.2.1.2 Metal Matrix Composite (MMC)

5.2.1.3 Ceramic Matrix Composite (CMC)

5.2.2 AUTOMOTIVE COMPOSITE MARKET, BY APPLICATION

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Increase in demand for fuel-efficient vehicles

5.3.1.2 Reduced weight and parts consolidation

5.3.1.3 OEMs looking for a complete solution from composite suppliers

5.3.1.4 Joint ventures of OEMs and composite suppliers

5.3.1.5 Technological Advancement

5.3.2 RESTRAINTS

5.3.2.1 High cost of composite

5.3.2.2 Concerns about recyclability

5.3.3 OPPORTUNITY

5.3.3.1 Emission regulations are driving OEMs' attention toward composite

5.3.3.2 Reduced cycle speed of manufacturing process

5.3.3.3 Structural growth opportunity in high volume automotive production

5.3.4 CHALLENGES

5.3.4.1 To produce low-cost composite

5.3.4.2 To reduce process cycle time

5.3.4.3 Recyclability

5.4 BURNING ISSUES

5.4.1 HIGH CAPITAL COSTS

5.4.2 NEED FOR LOW-COST TECHNOLOGIES

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 VALUE CHAIN ANALYSIS

6.3 SUPPLY CHAIN

6.4 RAW MATERIAL ANALYSIS

6.5 PORTER'S FIVE FORCES ANALYSIS

- 6.5.1 BARGAINING POWER OF SUPPLIERS
- 6.5.2 BARGAINING POWER OF BUYERS
- 6.5.3 THREAT OF SUBSTITUTES
- 6.5.4 THREAT OF NEW ENTRANTS
- 6.5.5 DEGREE OF COMPETITION
- 6.6 GREEN COMPOSITES
 - 6.6.1 METHODS OF MANUFACTURING GREEN COMPOSITES
 - 6.6.2 ADVANTAGES OF GREEN COMPOSITES
 - 6.6.3 DISADVANTAGES OF GREEN COMPOSITES

7 AUTOMOTIVE COMPOSITE MARKET, BY TYPE

- 7.1 INTRODUCTION
- 7.2 POLYMER MATRIX COMPOSITE
 - 7.2.1 GLASS FIBER REINFORCED POLYMER COMPOSITE
 - 7.2.2 NATURAL FIBER REINFORCED POLYMER COMPOSITE
 - 7.2.3 CARBON FIBER REINFORCED POLYMER COMPOSITE
- 7.3 METAL MATRIX COMPOSITE
- 7.4 CERAMIC MATRIX COMPOSITE

8 AUTOMOTIVE COMPOSITE MARKET, BY APPLICATION

- 8.1 INTRODUCTION
- 8.2 EXTERIOR
- 8.3 INTERIOR
- 8.4 CHASSIS & POWERTRAIN

9 MARKET ANALYSIS, BY REGION

- 9.1 INTRODUCTION
- 9.2 NORTH AMERICA
 - 9.2.1 BY TYPE
 - 9.2.2 BY APPLICATION
 - 9.2.3 BY COUNTRY
 - 9.2.3.1 U.S.
 - 9.2.3.2 MEXICO
 - 9.2.3.3 CANADA
- 9.3 EUROPE
 - 9.3.1 BY TYPE

9.3.2 BY APPLICATION

9.3.3 BY COUNTRY

9.3.3.1 GERMANY

9.3.3.2 SPAIN

9.3.3.3 FRANCE

9.3.3.4 U.K.

9.4 ASIA-PACIFIC

9.4.1 BY TYPE

9.4.2 BY APPLICATION

9.4.3 BY COUNTRY

9.4.3.1 CHINA

9.4.3.2 JAPAN

9.4.3.3 SOUTH KOREA

9.4.3.4 INDIA

9.5 REST OF THE WORLD

9.5.1 BY TYPE

9.5.2 BY APPLICATION

9.5.3 BY COUNTRY

9.5.3.1 BRAZIL

9.5.3.2 ARGENTINA

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 PARTNERSHIPS, AGREEMENTS & COLLABORATIONS: THE MOST POPULAR GROWTH STRATEGIES

10.3 MAXIMUM DEVELOPMENTS IN 2012

10.4 OWENS CORNING IS THE MOST ACTIVE PARTICIPANT

10.5 COMPETITIVE SITUATION & TRENDS

10.5.1 AGREEMENTS, SUPPLY AGREEMENTS, PARTNERSHIPS, COLLABORATIONS & JOINT VENTURES

10.5.1 INVESTMENTS & EXPANSION

10.5.2 NEW PRODUCT LAUNCH

10.5.3 MERGERS & ACQUISITIONS

11 COMPANY PROFILES (COMPANY AT A GLANCE, RECENT FINANCIALS, PRODUCTS & SERVICES, STRATEGIES & INSIGHTS, & RECENT DEVELOPMENTS)

11.1 INTRODUCTION**11.2 CYTEC INDUSTRIES INC.****11.3 TORAY INDUSTRIES****11.4 SGL GROUP – THE CARBON COMPANY****11.5 TEIJIN LIMITED****11.6 KONINKLIJKE TEN CATE NV (TENCATE)****11.7 OWENS CORNING****11.8 JOHNS MANVILLE****11.9 JUSHI GROUP CO. LTD.****11.10 NIPPON SHEET GLASS CO. LTD.****11.11 BAYERISCHE MOTOREN WERKE AG (BMW AG)****11.12 FORD MOTOR COMPANY****11.13 GENERAL MOTOR COMPANY**

11.14 VOLKSWAGEN GROUP (Details on company at a glance, recent financials, products & services, strategies & insights, & recent developments might not be captured in case of unlisted companies.)

12 APPENDIX**12.1 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE****12.2 DISCUSSION GUIDE****12.3 AVAILABLE CUSTOMIZATIONS**

List Of Tables

LIST OF TABLES

Table 1 AUTOMOTIVE COMPOSITE MARKET SIZE, (KT) & (\$MILLION), 2012–2019

Table 2 IMPACT OF GLOBAL AUTOMOTIVE COMPOSITE MARKET DRIVERS
(2014–2019)

Table 3 IMPACT OF GLOBAL AUTOMOTIVE COMPOSITE MARKET RESTRAINTS
(2014–2019)

Table 4 STRINGENT EMISSION STANDARDS DRIVING THE AUTOMOTIVE
COMPOSITE MARKET

Table 5 AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 6 AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019
(\$MILLION)

Table 7 POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 8 POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019
(\$MILLION)

Table 9 POLYMER MATRIX COMPOSITE MARKET SIZE, BY REGION, 2012–2019
(KT)

Table 10 POLYMER MATRIX COMPOSITE MARKET SIZE, BY REGION, 2012–2019
(\$MILLION)

Table 11 GLASS FIBER REINFORCED POLYMER COMPOSITE MARKET SIZE, BY
REGION, 2012–2019 (KT)

Table 12 GLASS FIBER REINFORCED POLYMER COMPOSITE MARKET SIZE, BY
REGION, 2012–2019 (\$MILLION)

Table 13 NATURAL FIBER REINFORCED POLYMER COMPOSITE MARKET SIZE,
BY REGION, 2012–2019 (KT)

Table 14 NATURAL FIBER REINFORCED POLYMER COMPOSITE MARKET SIZE,
BY REGION, 2012–2019 (\$MILLION)

Table 15 CARBON FIBER REINFORCED POLYMER COMPOSITE MARKET SIZE, BY
REGION, 2012–2019 (KT)

Table 16 CARBON FIBER REINFORCED POLYMER COMPOSITE MARKET SIZE, BY
REGION, 2012–2019 (\$MILLION)

Table 17 METAL MATRIX COMPOSITE MARKET SIZE, BY REGION, 2012–2019 (KT)

Table 18 METAL MATRIX COMPOSITE MARKET SIZE, BY REGION, 2012–2019
(\$MILLION)

Table 19 CERAMIC MATRIX COMPOSITE MARKET SIZE, BY REGION, 2012–2019
(KT)

Table 20 CERAMIC MATRIX COMPOSITE MARKET SIZE, BY REGION, 2012–2019

(\$MILLION)

Table 21 AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 22 AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 23 AUTOMOTIVE EXTERIOR COMPOSITE MARKET SIZE, BY REGION, 2012–2019(KT)

Table 24 AUTOMOTIVE EXTERIOR COMPOSITE MARKET SIZE, BY REGION, 2012–2019 (\$MILLION)

Table 25 AUTOMOTIVE INTERIOR COMPOSITE MARKET SIZE, BY REGION, 2012–2019 (KT)

Table 26 AUTOMOTIVE INTERIOR COMPOSITE MARKET SIZE, BY REGION, 2012–2019 (\$MILLION)

Table 27 AUTOMOTIVE COMPOSITE MARKET SIZE IN CHASSIS & POWERTRAIN, BY REGION, 2012–2019 (KT)

Table 28 AUTOMOTIVE COMPOSITE MARKET SIZE IN CHASSIS & POWERTRAIN, BY REGION, 2012–2019 (\$MILLION)

Table 29 AUTOMOTIVE COMPOSITE MARKET, BY REGION, 2012–2019 (KT)

Table 30 AUTOMOTIVE COMPOSITE MARKET, BY REGION, 2012–2019 (\$MILLION)

Table 31 NORTH AMERICA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 32 NORTH AMERICA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (\$MILLION)

Table 33 NORTH AMERICA: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 34 NORTH AMERICA: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (\$MILLION)

Table 35 NORTH AMERICA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 36 NORTH AMERICA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 37 NORTH AMERICA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY, 2012–2019 (KT)

Table 38 NORTH AMERICA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY, 2012–2019 (\$MILLION)

Table 39 U.S.: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 40 U.S.: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 41 MEXICO: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 42 MEXICO: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 43 CANADA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 44 CANADA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 45 EUROPE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 46 EUROPE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (\$MILLION)

Table 47 EUROPE: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 48 EUROPE: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (\$MILLION)

Table 49 EUROPE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 50 EUROPE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 51 EUROPE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY, 2012–2019 (KT)

Table 52 EUROPE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY, 2012–2019 (\$MILLION)

Table 53 GERMANY: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 54 GERMANY: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 55 SPAIN: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 56 SPAIN: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 57 FRANCE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 58 FRANCE: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 59 U.K.: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 60 U.K.: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION,

2012–2019 (\$MILLION)

Table 61 ASIA-PACIFIC: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 62 ASIA-PACIFIC: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (\$MILLION)

Table 63 ASIA-PACIFIC: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 64 ASIA-PACIFIC: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (\$MILLION)

Table 65 ASIA-PACIFIC: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 66 ASIA-PACIFIC: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 67 ASIA-PACIFIC: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY, 2012–2019 (KT)

Table 68 ASIA-PACIFIC: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY, 2012–2019 (\$MILLION)

Table 69 CHINA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 70 CHINA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 71 JAPAN: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 72 JAPAN: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 73 SOUTH KOREA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 74 SOUTH KOREA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 75 INDIA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (KT)

Table 76 INDIA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION, 2012–2019 (\$MILLION)

Table 77 ROW: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 78 ROW: AUTOMOTIVE COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (\$MILLION)

Table 79 ROW: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE, 2012–2019 (KT)

Table 80 ROW: POLYMER MATRIX COMPOSITE MARKET SIZE, BY TYPE,
2012–2019 (\$MILLION)

Table 81 ROW: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION,
2012–2019 (KT)

Table 82 ROW: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION,
2012–2019 (\$MILLION)

Table 83 ROW: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY,
2012–2019 (KT)

Table 84 ROW: AUTOMOTIVE COMPOSITE MARKET SIZE, BY COUNTRY,
2012–2019 (\$MILLION)

Table 85 BRAZIL: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION,
2012–2019 (KT)

Table 86 BRAZIL: AUTOMOTIVE COMPOSITE MARKET SIZE, BY APPLICATION,
2012–2019 (\$MILLION)

Table 87 ARGENTINA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY
APPLICATION, 2012–2019 (KT)

Table 88 ARGENTINA: AUTOMOTIVE COMPOSITE MARKET SIZE, BY
APPLICATION, 2012–2019 (\$MILLION)

Table 89 AGREEMENTS, SUPPLY AGREEMENTS, PARTNERSHIPS,
COLLABORATIONS & JOINT VENTURES, 2011-2014

Table 90 INVESTMENTS & EXPANSION, 2011-2014

Table 91 NEW PRODUCT LAUNCH, 2011-2014

Table 92 MERGERS & ACQUISITIONS, 2011-2014

About

Objectives Of The Study

To define, describe, and forecast the automotive composite market size, in terms of value and volume

To identify and measure the automotive composite market by types, applications, and regions

To provide detailed information regarding the major factors influencing the growth of the market (drivers, restraints, opportunities, industry-specific challenges, and burning issues)

To analyze significant regional trends in North America, Europe, Asia–Pacific, and RoW (Rest of the World). The report also analyzes significant country-specific trends in the U.S., Mexico, Canada, Germany, the U.K., France, Spain, India, China, South Korea, and Japan

To strategically profile and analyze key market players and their core competencies

To analyze recent market developments such as partnerships, joint ventures, and mergers & acquisitions of the automotive composite market

Market Scope

This market study covers different segments of composites (types, applications, and regions) for arriving at the size of the automotive composite market between 2012 and 2019.

The market estimation and projection have been based on several parameters such as the number of players in a particular region, demand trends, pricing trends based on newly developed technologies, the extent of the research

activities, growing application market, GDP (Gross Domestic Product), and population of a country in that particular region.

The size of the overall market has been determined by using forecast techniques based on the demand for composites for automotive applications in different regions. The market size has been validated through primary interviews with leading industry participants.

I would like to order

Product name: Automotive Composite Market by Type (Polymer Matrix Composite, Metal Matrix Composite, and Ceramic Matrix Composite) and by Application (Interior Components, Exterior Components, Chassis & Powertrain Components and Others) - Global Trends & Forecast to 2019

Product link: <https://marketpublishers.com/r/A8B70D35466EN.html>

Price: US\$ 5,650.00 (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/A8B70D35466EN.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