

# **Metal Replacement Market by End-Use Industry (Automotive, Aerospace & Defense, Construction, Healthcare, Others), Type (Engineering Plastics, Composites), and Region - Global Forecast to 2021**

<https://marketpublishers.com/r/M851F250058EN.html>

Date: October 2016

Pages: 163

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

ID: M851F250058EN

## **Abstracts**

Metal replacement market is projected to reach USD 159.82 billion by 2021

The metal replacement market is projected to reach USD 159.82 billion by 2021, at a CAGR of 9.2% from 2016 to 2021. Increasing consumption of metal replacing materials in the automotive and construction industries is one of the most significant factors driving the growth of this market. Whereas, high cost of materials is expected to restrict the market's growth.

Composites segment to register high growth in the metal replacement market

Composites are the most prominent metal replacing materials, owing to their exceptional performance. Composites offer several advantages, such as superior weight to strength ratio, superior thermal resistance, good corrosion resistance, and high impact resistance. Composites are used in varied end-use industries, such as aerospace & defense, automotive, and construction.

Asia-Pacific market projected to grow at the highest CAGR during the forecast period

The Asia-Pacific metal replacement market is anticipated to grow at the highest CAGR between 2016 and 2021. Growth in this market is driven by the increasing demand for metal replacing materials from China and India. China, with increasing demand from its construction and automotive industries, is the major consumer of metal replacing materials in the Asia-Pacific region. Among all countries in this region, the Indian market

is expected to grow at the highest CAGR during the forecast period.

#### BREAKDOWN OF PROFILE OF PRIMARY PARTICIPANTS:

By Company Type: Tier 1 – 33%, Tier 2 – 42%, and Tier 3 – 25%

By Designation: C Level – 50%, Director Level – 33%, and Others – 17%

By Region: Europe – 42%, North America – 25%, Asia-Pacific – 17%, South America – 8%, and Middle East & Africa – 8%

Major companies profiled in this report are Solvay SA (Belgium), SGL-Group (Germany), Owens Corning Corporation (U.S.), Celanese Corporation (U.S.), BASF SE (Germany), Toray Industries, Inc. (U.S.), and Jushi Group (China).

#### Research Coverage

This report offers an overview of the market trends, drivers, and challenges with respect to the metal replacement market. It also provides a detailed overview of the market across five regions, namely, Asia-Pacific, Europe, North America, Middle East & Africa, and Latin America. The report categorizes the metal replacement market on the basis of type, end-use industry, and region. A detailed analysis of leading players, along with key growth strategies adopted by them, is also covered in the report.

#### Reasons to buy the report

This report covers the following key aspects:

What will be the market size by 2021 and what will be the growth rate

What are the key market trends

What are the factors expected to drive the growth of the market

What are the challenges that impact market growth

Who are the key players in this market

Global report covers key regions, such as North America, Europe, and Asia-Pacific, including major countries in these regions, such as the U.S., China, India, Russia, and Germany

## Contents

### **1 INTRODUCTION**

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
  - 1.4.1 PACKAGE SIZE
- 1.5 LIMITATIONS
- 1.6 STAKEHOLDERS

### **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH DATA
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 MARKET SHARE ESTIMATION
  - 2.4.1 KEY INDUSTRY INSIGHTS
- 2.5 ASSUMPTIONS

### **3 EXECUTIVE SUMMARY**

### **4 PREMIUM INSIGHTS**

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE GLOBAL METAL REPLACING MATERIALS MARKET
- 4.2 METAL REPLACING MATERIALS MARKET, BY REGION
- 4.3 GLOBAL METAL REPLACING MATERIALS MARKET BY END-USE INDUSTRIES & REGION
- 4.4 GLOBAL METAL REPLACING MATERIALS MARKET GROWTH
- 4.5 GLOBAL METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY
- 4.6 LIFE CYCLE ANALYSIS, BY REGION

### **5 MARKET OVERVIEW**

#### **5.1 INTRODUCTION**

*Metal Replacement Market by End-Use Industry (Automotive, Aerospace & Defense, Construction, Healthcare, Other...*

## 5.2 MARKET SEGMENTATION

### 5.2.1 BY END-USE INDUSTRY

### 5.2.2 BY TYPE

### 5.2.3 BY REGION

## 5.3 MARKET DYNAMICS

### 5.3.1 DRIVERS

5.3.1.1 Engineering plastics replacing traditional materials in end-use Industries

5.3.1.2 Increasing metal replacement in aerospace & defense sector

### 5.3.2 RESTRAINTS

5.3.2.1 High cost of materials

### 5.3.3 OPPORTUNITIES

5.3.3.1 Potential opportunities in new applications

5.3.3.2 Increasing demand from emerging markets

### 5.3.4 CHALLENGES

5.3.4.1 Volatile crude oil prices

## 6 INDUSTRY TRENDS

### 6.1 INTRODUCTION

### 6.2 VALUE CHAIN ANALYSIS

### 6.3 PORTER'S FIVE FORCES ANALYSIS

6.3.1 BARGAINING POWER OF SUPPLIERS

6.3.2 THREAT OF NEW ENTRANTS

6.3.3 THREAT OF SUBSTITUTES

6.3.4 BARGAINING POWER OF BUYERS

6.3.5 INTENSITY OF RIVALRY

## 7 METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY

### 7.1 INTRODUCTION

### 7.2 AUTOMOTIVE

### 7.3 AEROSPACE & DEFENSE

### 7.4 CONSTRUCTION

### 7.5 HEALTHCARE

### 7.6 OTHERS

## 8 METAL REPLACING MATERIALS MARKET, BY TYPE

### 8.1 INTRODUCTION

## 8.2 ENGINEERING PLASTICS

### 8.2.1 ENGINEERING PLASTICS SEGMENT, BY TYPE

8.2.1.1 Polycarbonates (PCs)

8.2.1.2 Acrylonitrile butadiene styrene (ABS)

8.2.1.3 Polyamides (PAS)

8.2.1.4 Thermoplastic polyesters

8.2.1.5 Polyacetals

8.2.1.6 Fluoropolymers

8.2.1.7 Others

## 8.3 COMPOSITES

### 8.3.1 GLASS FIBRE REINFORCED PLASTICS

### 8.3.2 CARBON FIBRE REINFORCED PLASTICS

## 9 METAL REPLACING MATERIALS MARKET, BY REGION

### 9.1 INTRODUCTION

### 9.2 ASIA-PACIFIC

9.2.1 CHINA

9.2.2 JAPAN

9.2.3 SOUTH KOREA

9.2.4 INDONESIA

9.2.5 INDIA

9.2.6 MALAYSIA

9.2.7 PHILIPPINES

9.2.8 REST OF ASIA PACIFIC

### 9.3 EUROPE

9.3.1 GERMANY

9.3.2 U.K.

9.3.3 FRANCE

9.3.4 RUSSIA

9.3.5 SPAIN

9.3.6 ITALY

9.3.7 TURKEY

9.3.8 REST OF EUROPE

### 9.4 NORTH AMERICA

9.4.1 U.S.

9.4.2 CANADA

9.4.3 MEXICO

### 9.5 MIDDLE EAST & AFRICA

- 9.5.1 UAE
- 9.5.2 SOUTH AFRICA
- 9.5.3 REST OF THE MIDDLE EAST AND AFRICA
- 9.6 SOUTH AMERICA
  - 9.6.1 BRAZIL
  - 9.6.2 ARGENTINA
  - 9.6.3 CHILE

## **10 COMPETITIVE LANDSCAPE**

- 10.1 OVERVIEW
- 10.2 NEW PRODUCT LAUNCHES: THE MOST POPULAR GROWTH STRATEGY
- 10.3 MAXIMUM NUMBER OF DEVELOPMENTS IN 2014
- 10.4 COMPETITIVE SITUATIONS & TRENDS
  - 10.4.1 EXPANSIONS
  - 10.4.2 MERGERS & ACQUISITIONS
  - 10.4.3 NEW PRODUCT LAUNCHES & DEVELOPMENTS
  - 10.4.4 PARTNERSHIPS, AGREEMENTS & COLLABORATIONS
  - 10.4.5 OTHERS

## **11 COMPANY PROFILES**

(Overview, Financial\*, Products & Services, Strategy, and Developments)

- 11.1 BASF SE
- 11.2 COVESTRO AG
- 11.3 CELANESE CORPORATION
- 11.4 E. I. DUPONT DE NEMOURS AND COMPANY
- 11.5 SOLVAY SA
- 11.6 LG CHEM LTD.
- 11.7 TORAY INDUSTRIES INC.
- 11.8 SGL GROUP
- 11.9 JUSHI GROUP
- 11.10 OWENS CORNING
- 11.11 SAINT-GOBAIN SA

\*Details might not be captured in case of unlisted companies

## **12 APPENDIX**

12.1 DISCUSSION GUIDE

12.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

12.3 INTRODUCING RT: REAL TIME MARKET INTELLIGENCE

12.4 AVAILABLE CUSTOMIZATIONS

12.5 RELATED REPORTS



## List Of Tables

### LIST OF TABLES

Table 1 GLOBAL METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (USD BILLION)

Table 2 GLOBAL METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 3 GLOBAL METAL REPLACING MATERIALS MARKET IN AUTOMOTIVE, BY REGION, 2014–2021 (USD MILLION)

Table 4 GLOBAL METAL REPLACING MATERIALS MARKET IN AUTOMOTIVE, BY REGION, 2014–2021 (KILOTONS)

Table 5 GLOBAL METAL REPLACING MATERIALS MARKET IN AEROSPACE & DEFENSE, BY REGION, 2014–2021 (USD MILLION)

Table 6 GLOBAL METAL REPLACING MATERIALS MARKET IN AEROSPACE & DEFENSE, BY REGION, 2014–2021 (KILOTONS)

Table 7 GLOBAL METAL REPLACING MATERIALS MARKET IN CONSTRUCTION, BY REGION, 2014–2021 (USD MILLION)

Table 8 GLOBAL METAL REPLACING MATERIALS MARKET IN CONSTRUCTION, BY REGION, 2014–2021 (KILOTONS)

Table 9 GLOBAL METAL REPLACING MATERIALS MARKET IN HEALTHCARE, BY REGION, 2014–2021 (USD MILLION)

Table 10 GLOBAL METAL REPLACING MATERIALS MARKET IN HEALTHCARE, BY REGION, 2014–2021 (KILOTONS)

Table 11 GLOBAL METAL REPLACING MATERIALS MARKET IN OTHER END-USE INDUSTRIES, BY REGION, 2014–2021 (USD MILLION)

Table 12 GLOBAL METAL REPLACING MATERIALS MARKET IN OTHER END-USE INDUSTRIES, BY REGION, 2014–2021 (KILOTONS)

Table 13 METAL REPLACING MATERIALS MARKET, BY TYPE, 2014-2021 (USD BILLION)

Table 14 METAL REPLACING MATERIALS MARKET, BY TYPE, 2014-2021 (KILOTONS)

Table 15 ENGINEERING PLASTICS SEGMENT, BY REGION, 2014-2021 (USD BILLION)

Table 18 ENGINEERING PLASTICS SEGMENT, BY TYPE, 2014-2021 (KT)

Table 19 POLYCARBONATES (PCS) SUBSEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 20 POLYCARBONATES (PCS) SUBSEGMENT, BY REGION, 2014-2021 (KT)

Table 21 ACRYLONITRILE BUTADIENE STYRENE (ABS) SUBSEGMENT, BY

REGION, 2014-2021 (USD MILLION)

Table 22 ACRYLONITRILE BUTADIENE STYRENE (ABS) SUBSEGMENT, BY REGION, 2014-2021 (KT)

Table 23 POLYAMIDES (PAS) SUBSEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 24 POLYAMIDES (PAS) SUBSEGMENT, BY REGION, 2014-2021 (KT)

Table 25 THERMOPLASTIC POLYESTERS SUBSEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 26 THERMOPLASTIC POLYESTERS SUBSEGMENT, BY REGION, 2014-2021 (KT)

Table 27 POLYACETALS SUBSEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 29 FLUOROPOLYMERS SUBSEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 30 FLUOROPOLYMERS SUBSEGMENT, BY REGION, 2014-2021 (KT)

Table 31 OTHER METAL REPLACING MATERIALS SEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 32 OTHER METAL REPLACING MATERIALS SEGMENT, BY REGION, 2014-2021 (KT)

Table 34 COMPOSITES SEGMENT, BY REGION, 2014-2021 (KT)

Table 35 COMPOSITES SEGMENT, BY TYPE, 2014-2021 (USD BILLION)

Table 36 COMPOSITES SEGMENT, BY TYPE, 2014-2021 (KILOTONS)

Table 37 GFRP SEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 38 GFRP SEGMENT, BY REGION, 2014-2021 (KT)

Table 39 CFRP SEGMENT, BY REGION, 2014-2021 (USD MILLION)

Table 40 CFRP SEGMENT, BY REGION, 2014-2021 (KT)

Table 41 GLOBAL METAL REPLACING MATERIALS MARKET, BY REGION, 2014–2021 (USD BILLION)

Table 42 GLOBAL METAL REPLACING MATERIALS MARKET, BY REGION, 2014–2021 (KILOTONS)

Table 43 ASIA-PACIFIC METAL REPLACING MATERIALS MARKET, BY COUNTRY, 2014–2021 (KILOTONS)

Table 44 ASIA-PACIFIC METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 45 ASIA-PACIFIC METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 46 CHINA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 47 CHINA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 48 JAPAN METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 49 JAPAN METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 50 SOUTH KOREA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 51 SOUTH KOREA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 52 INDONESIA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 53 INDONESIA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 54 INDIA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 55 INDIA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 56 MALAYSIA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 57 MALAYSIA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 58 PHILIPPINES METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 59 PHILIPPINES METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 60 REST OF ASIA-PACIFIC METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 61 REST OF ASIA-PACIFIC METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 62 EUROPE METAL REPLACING MATERIALS MARKET, BY COUNTRY, 2014–2021 (USD MILLION)

Table 63 EUROPE METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 64 EUROPE METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 65 GERMANY METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 66 GERMANY METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 67 U.K. METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021

(KILOTONS)

Table 68 U.K. METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 69 FRANCE METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 70 FRANCE METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 71 RUSSIA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 72 RUSSIA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 73 SPAIN METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 74 SPAIN METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 75 ITALY METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 76 ITALY METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 77 TURKEY METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 78 TURKEY METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 79 REST OF EUROPE METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 80 REST OF EUROPE METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 81 NORTH AMERICA METAL REPLACING MATERIALS MARKET, BY COUNTRY, 2014–2021 (KILOTONS)

Table 82 NORTH AMERICA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 83 NORTH AMERICA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 84 U.S. METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 85 U.S. METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 86 CANADA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 87 CANADA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 88 MEXICO METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 89 MEXICO METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 90 MIDDLE EAST & AFRICA METAL REPLACING MATERIALS MARKET, BY COUNTRY, 2014–2021 (KILOTONS)

Table 91 MIDDLE EAST & AFRICA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 92 MIDDLE EAST & AFRICA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 93 UAE METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 94 UAE METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 95 SOUTH AFRICA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 96 SOUTH AFRICA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 97 REST OF MIDDLE EAST & AFRICA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 98 REST OF MIDDLE EAST & AFRICA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 99 SOUTH AMERICA METAL REPLACING MATERIALS MARKET, BY COUNTRY, 2014–2021 (USD MILLION)

Table 100 SOUTH AMERICA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 101 SOUTH AMERICA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 102 BRAZIL METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 103 BRAZIL METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 104 ARGENTINA METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021 (KILOTONS)

Table 105 ARGENTINA METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 106 CHILE METAL REPLACING MATERIALS MARKET, BY TYPE, 2014–2021

(KILOTONS)

Table 107 CHILE METAL REPLACING MATERIALS MARKET, BY END-USE INDUSTRY, 2014–2021 (KILOTONS)

Table 108 EXPANSIONS, 2011–2016

Table 109 MERGERS & ACQUISITIONS, 2011–2016

Table 110 NEW PRODUCT LAUNCHES, 2013-2016

Table 111 AGREEMENTS, CONTRACTS, PARTNERSHIPS, COLLABORATIONS & JOINT VENTURES, 2012–2016

Table 112 OTHERS DEVELOPMENTS, 2010–2015

## List Of Figures

### LIST OF FIGURES

Figure 1 METAL REPLACING MATERIALS: MARKET SEGMENTATION

Figure 2 METAL REPLACING MATERIALS MARKET: RESEARCH DESIGN

Figure 3 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH

Figure 5 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY, DESIGNATION & REGION

Figure 6 MARKET BREAKDOWN & DATA TRIANGULATION

Figure 7 KEY DATA FROM SECONDARY SOURCES

Figure 8 KEY DATA FROM PRIMARY SOURCES

Figure 9 ENGINEERING PLASTICS TYPE SEGMENT TO LEAD METAL REPLACING MATERIALS MARKET DURING FORECAST PERIOD

Figure 10 AUTOMOTIVE END-USE INDUSTRY SEGMENT TO LEAD METAL REPLACING MATERIALS MARKET DURING FORECAST PERIOD

Figure 11 GLOBAL METAL REPLACING MATERIALS MARKET SIZE RANKING, BY REGION

Figure 12 U.S. AND CHINA MAJOR COUNTRIES IN GLOBAL METAL REPLACING MATERIALS MARKET

Figure 13 LONG TERM SUSTAINABILITY IN THE METAL REPLACING MATERIALS MARKET

Figure 14 METAL REPLACING MATERIALS MARKET IN ASIA-PACIFIC IS EXPECTED TO REGISTER HIGHEST CAGR BETWEEN 2016 AND 2021

Figure 15 ASIA-PACIFIC & AUTOMOTIVE CONTRIBUTED LARGEST SHARES TO THE GLOBAL METAL REPLACING MATERIALS MARKET

Figure 16 INDIA PROJECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 17 ASIA-PACIFIC & EUROPE ARE THE LARGEST MARKETS ACROSS ALL END-USE INDUSTRIES

Figure 18 SIGNIFICANT GROWTH OPPORTUNITIES FOR THE MARKET IN ASIA-PACIFIC

Figure 19 METAL REPLACING MATERIALS MARKET: MARKET DYNAMICS

Figure 20 METAL REPLACING MATERIALS: VALUE CHAIN

Figure 21 PORTER'S FIVE FORCES ANALYSIS

Figure 22 AUTOMOTIVE SEGMENT ESTIMATED TO LEAD METAL REPLACING MATERIALS MARKET IN 2016

Figure 23 ENGINEERING PLASTICS SEGMENT PROJECTED TO LEAD THE

## GLOBAL METAL REPLACING MATERIALS MARKET IN 2016

Figure 24 ASIA-PACIFIC: FASTEST-GROWING MARKET FOR ENGINEERING PLASTICS

Figure 25 ABS SUBSEGMENT EXPECTED TO LEAD THE ENGINEERING PLASTICS SEGMENT OF THE METAL REPLACING MATERIALS MARKET

Figure 26 ASIA-PACIFIC REGION EXPECTED TO LEAD THE COMPOSITES SEGMENT

Figure 27 GFRP EXPECTED TO LEAD THE COMPOSITES SEGMENT, IN TERMS OF VOLUME, IN 2016

Figure 28 INDIA METAL REPLACING MATERIALS MARKET PROJECTED TO GROW AT THE HIGHEST CAGR DURING THE FORECAST PERIOD

Figure 29 ASIA-PACIFIC METAL REPLACING MATERIALS MARKET SNAPSHOT

Figure 30 EUROPE METAL REPLACING MATERIALS MARKET SNAPSHOT

Figure 31 NORTH AMERICA METAL REPLACING MATERIALS MARKET SNAPSHOT

Figure 32 COMPANIES ADOPTED NEW PRODUCT LAUNCHES AS THE KEY GROWTH STRATEGIES IN THE LAST FOUR YEARS FROM 2012-2015

Figure 33 KEY GROWTH STRATEGIES IN THE METAL REPLACING MATERIALS MARKET, 2011–2015

Figure 34 YEAR 2014 WITNESSED THE MAXIMUM NUMBER OF DEVELOPMENTS

Figure 35 BASF SE: COMPANY SNAPSHOT

Figure 36 BASF SE: SWOT ANALYSIS

Figure 37 COVESTRO AG: COMPANY SNAPSHOT

Figure 38 COVESTRO AG: SWOT ANALYSIS

Figure 39 CELANESE CORPORATION: COMPANY SNAPSHOT

Figure 40 CELANESE CORPORATION: SWOT ANALYSIS

Figure 41 DU PONT: COMPANY SNAPSHOT

Figure 42 DUPONT: SWOT ANALYSIS

Figure 43 SOLVAY SA: COMPANY SNAPSHOT

Figure 44 SOLVAY SA: SWOT ANALYSIS

Figure 45 LG CHEM LTD.: COMPANY SNAPSHOT

Figure 46 LG CHEM LTD.: SWOT ANALYSIS

Figure 47 TORAY INDUSTRIES INC.: COMPANY SNAPSHOT

Figure 48 TORAY INDUSTRIES INC.: SWOT ANALYSIS

Figure 49 SGL GROUP: COMPANY SNAPSHOT

Figure 50 SGL GROUP: SWOT ANALYSIS

Figure 51 JUSHI GROUP: COMPANY SNAPSHOT

Figure 52 JUSHI GROUP CO. LTD.: SWOT ANALYSIS

Figure 53 OWENS CORNING: COMPANY SNAPSHOT

Figure 54 OWENS CORNING: SWOT ANALYSIS



Figure 55 SAINT-GOBAIN SA: COMPANY SNAPSHOT  
Figure 56 SAINT-GOBAIN: SWOT ANALYSIS

## I would like to order

Product name: Metal Replacement Market by End-Use Industry (Automotive, Aerospace & Defense, Construction, Healthcare, Others), Type (Engineering Plastics, Composites), and Region - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/M851F250058EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M851F250058EN.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