

Automotive Lightweight Materials Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

The future of the global automotive lightweight materials market looks promising with opportunities in passenger cars, light commercial vehicles, and heavy commercial vehicles. The global automotive lightweight materials market is expected to reach an estimated \$110.5 billion by 2023 and it is forecast to grow at a CAGR of 6.1% from 2018 to 2023. The major drivers of growth for this market are government regulations concerning fuel economy and emissions, and increasing utilization of lightweight materials by manufacturers. The other major driver is growth of global vehicle production which is expected to grow at a CAGR of 2.5% during the forecast period and to reach 113 million units by 2023.

Emerging trends, which have a direct impact on the dynamics of the automotive lightweight materials industry, include increasing use of aluminum in chassis and structural applications, advanced manufacturing technology, development of aluminum-air battery, third generation AHSS, and pre-oxidation to galvanize AHSS, development of recycling technologies for plastics and replacement of PA 66 with cheaper and advanced PA 6.

A total of 122 figures/charts and 105 tables are provided in this 203 -page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of this automotive lightweight materials market report, download the report brochure.

Automotive Lightweight Materials Market

Automotive Lightweight Materials Market

Market Share Analysis

The study includes the automotive lightweight materials market size and forecast for the global automotive lightweight materials market through 2023, segmented by material type, vehicle type, application, and region, as follows:

Automotive Lightweight Materials Market by Material Type (\$ Million and million pounds from 2012 to 2023)

AHSS Aluminum Magnesium Plastics Composites

Automotive Lightweight Materials Market by Vehicle Type (\$ Million and million pounds from 2012 to 2023)

Passenger Cars Light Commercial Vehicles Heavy Commercial Vehicles

Automotive Lightweight Materials Market by Application (\$ Million and million pounds from 2012 to 2023)

BIW Powertrain Interior Exterior Others

Automotive Lightweight Materials Market by Region (\$ Million and million pounds from 2012 to 2023)

North America US Canada Mexico Europe Germany France Russia United Kingdom Italy Asia Pacific China Japan India South Korea Indonesia The Rest of the World Brazil Turkey

Some of the automotive lightweight materials companies profiled in this report include ArcelorMittal SA, ThyssenKrupp AG, Alcoa Inc., Novelis Inc., Aleris International, Inc., POSCO, DowDuPont, LyondellBasell, Tata Steel Limited, US Magnesium, Owens Corning, Toray, BASF SE, SABIC, and Huntsman.

On the basis of its comprehensive research, Lucintel forecasts that the AHSS, aluminum and composites material segments will show above average growth during the forecast period.

Passenger car, light commercial vehicle, and heavy commercial vehicle are the major vehicle segments of the global automotive lightweight materials market. The passenger car segment is expected to show above average growth during the forecast period due to the increasing penetration of lightweight materials per vehicle.

Europe is expected to remain the largest region due to increasing use of lightweight materials content per vehicle coupled with stringent government regulations to reduce carbon emissions and to increase fuel efficiency. Asia Pacific is expected to witness significant growth over the forecast period because of high vehicle production and

continued increase of lightweight materials content per vehicle.

Some of the features of “Global Automotive Lightweight Materials Market Report: Trends, Forecast and Competitive Analysis” include:

Market size estimates: Global automotive lightweight materials market size estimation in terms of value (\$M) and volume (Million Pounds) shipment. Trend and forecast analysis: Market trend (2012-2017) and forecast (2018-2023) by application, and end use industry. Segmentation analysis: Global automotive lightweight materials market size by various applications such as material, vehicle, and application in terms of value and volume shipment. Regional analysis: Global automotive lightweight materials market breakdown by North America, Europe, Asia Pacific, and the Rest of the World. Growth opportunities: Analysis on growth opportunities in different applications and regions of automotive lightweight materials in the automotive lightweight materials market. Strategic analysis: This includes M&A, new product development, and competitive landscape of automotive lightweight materials in the automotive lightweight materials market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers the following 11 key questions:

Q.1. What are some of the most promising, high growth opportunities for the automotive lightweight materials market by material type (aluminum, AHSS, magnesium, plastics and composites), vehicle type (passenger cars, light commercial vehicles, and heavy commercial vehicles), application (BIW, powertrain, interior, exterior, and others) and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this automotive lightweight materials market?

Q.5. What are the business risks and competitive threats in this automotive lightweight materials market?

Q.6. What are the emerging trends in this automotive lightweight materials market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the automotive lightweight materials market?

Q.8. What are the new developments in the automotive lightweight materials market? Which companies are leading these developments?

Q.9. Who are the major players in this automotive lightweight materials market? What

strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this automotive lightweight materials market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the automotive lightweight materials industry?

Contents

1. EXECUTIVE SUMMARY

2. MARKET BACKGROUND AND CLASSIFICATIONS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

2.4: Industry Trends in Meeting Legislation

2.5: OEMs Prospective for Lightweight

2.6: Vehicle Weight Reduction: Automaker Plans

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

3.1: Macroeconomic Trends and Forecasts

3.2: Global Automotive Lightweight Materials Market Trends and Forecast

3.3: Global Automotive Lightweight Materials Market by Application Type

3.4: Global Automotive Lightweight Materials Market by Material Type

3.4.1: Aluminum

3.4.2: AHSS

3.4.3: Magnesium

3.4.4: Composites

3.4.5: Plastics

3.5: Global Automotive Lightweight Materials Market by Vehicle Type

3.5.1: Passenger Cars

3.5.2: Light Commercial Vehicles

3.5.3: Heavy Commercial Vehicles

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

4.1: Global Automotive Lightweight Materials Market by Region

4.2: North American Automotive Lightweight Materials Market

4.2.1: North American Automotive Lightweight Materials Market by Material Type

4.2.2: North American Automotive Lightweight Materials Market by Vehicle Type

4.2.3: US Automotive Lightweight Materials Market

4.2.4: Canadian Automotive Lightweight Materials Market

4.2.5: Mexican Automotive Lightweight Materials Market

4.3: European Automotive Lightweight Materials Market

- 4.3.1: European Automotive Lightweight Materials Market by Application
- 4.3.2: European Automotive Lightweight Materials Market by Vehicle Type
- 4.3.3: German Automotive Lightweight Materials Market
- 4.3.4: Russian Automotive Lightweight Materials Market
- 4.3.5: French Automotive Lightweight Materials Market
- 4.3.6: United Kingdom Automotive Lightweight Materials Market
- 4.3.7: Italian Automotive Lightweight Materials Market
- 4.4: APAC Automotive Lightweight Materials Market
 - 4.4.1: APAC Automotive Lightweight Materials Market by Application
 - 4.4.2: APAC Automotive Lightweight Materials Market by Vehicle Type
 - 4.4.3: Chinese Automotive Lightweight Materials Market
 - 4.4.4: Japanese Automotive Lightweight Materials Market
 - 4.4.5: Indonesian Automotive Lightweight Materials Market
 - 4.4.6: Indian Automotive Lightweight Materials Market
 - 4.4.7: South Korean Automotive Lightweight Materials Market
- 4.5: ROW Automotive Lightweight Materials Market
 - 4.5.1: ROW Automotive Lightweight Materials Market by Material
 - 4.5.2: ROW Automotive Lightweight Materials Market by Vehicle Type
 - 4.5.3: Brazilian Automotive Lightweight Materials Market
 - 4.5.4: Turkish Automotive Lightweight Materials Market

5. COMPETITOR ANALYSIS

- 5.1: Product Portfolio Analysis
- 5.2: Market Share Analysis
- 5.3: Operational Integration
- 5.4: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

- 6.1: Growth Opportunity Analysis
 - 6.1.1: Growth Opportunities for the Global Automotive Lightweight Materials Market by Application Type
 - 6.1.2: Growth Opportunities for the Global Automotive Lightweight Materials Market by Material Type
 - 6.1.3: Growth Opportunities for the Global Automotive Lightweight Materials Market by Region
 - 6.1.4: Growth Opportunities for the Global Automotive Lightweight Materials Market by Vehicle Type

6.2: Emerging Trends in the Global Automotive Lightweight Materials Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Mergers, Acquisitions, and Joint Ventures in the Global Automotive Lightweight Materials Market

6.3.3: Technology Development

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: ArcelorMittal SA

7.2: ThyssenKrupp AG

7.3: Aleris International, Inc.

7.4: POSCO

7.5: Alcoa Inc.

7.6: Novelis Inc.

7.7: E I Du Pont De Nemours and Co.

7.8: LyondellBassel Industries NV

7.9: Tata Steel Limited

7.10: US Magnesium LLC

List Of Figures

LIST OF FIGURES

CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

Figure 2.1: Classification of the Global Automotive Lightweight Materials Market

Figure 2.2: Supply Chain of the Global Automotive Lightweight Materials Market

Figure 2.3: Major Drivers and Challenges for the Global Automotive Lightweight Materials Market

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

Figure 3.1: Trends of the Global GDP Growth Rate

Figure 3.2: Trends of the Global Population Growth Rate

Figure 3.3: Trends of the Global Inflation Rate

Figure 3.4: Trends of the Regional GDP Growth Rate

Figure 3.5: Trends of the Regional Population Growth Rate

Figure 3.6: Trends of the Regional Inflation Rate

Figure 3.7: Regional Per Capita Income Trends

Figure 3.8: Trends of the Global Vehicle Production

Figure 3.9: Forecast for the Global GDP Growth Rate

Figure 3.10: Forecast for the Global Population Growth Rate

Figure 3.11: Forecast for the Global Inflation Rate

Figure 3.12: Forecast for the Global Vehicle Production

Figure 3.13: Forecast for the Regional GDP Growth Rate

Figure 3.14: Forecast for the Regional Population Growth Rate

Figure 3.15: Forecast for the Regional Inflation Rate

Figure 3.16: Forecast for Regional Per Capita Income

Figure 3.17: Trends and Forecast for the Global Automotive Lightweight Materials Market (2012-2023)

Figure 3.18: Trends of the Global Automotive Lightweight Materials Market (\$M) by Applications (2012-2017)

Figure 3.19: Forecast for the Global Automotive Lightweight Materials Market (\$M) by Applications (2018-2023)

Figure 3.20: Trends of the Global Automotive Lightweight Materials Market (M lbs) by Applications (2012-2017)

Figure 3.21: Forecast for the Global Automotive Lightweight Materials Market (M lbs) by Applications (2018-2023)

Figure 3.22: Trends of the Global Automotive Lightweight Materials Market (\$M) by Material Type (2012-2017)

Figure 3.23: Forecast for the Global Automotive Lightweight Materials Market (\$M) by Material Type (2018-2023)

Figure 3.24: Trends of the Global Automotive Lightweight Materials Market (M lbs) by Material Type (2012-2017)

Figure 3.25: Forecast for the Global Automotive Lightweight Materials Market (M lbs) by Material Type (2018-2023)

Figure 3.26: Trends of Aluminum in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.27: Forecast For Aluminum in the Global Automotive Lightweight Materials Market (\$M) by Region (2018-2023)

Figure 3.28: Trends of Aluminum in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.29: Forecast for Aluminum in the Global Automotive Lightweight Materials Market (M lbs) by Region (2018-2023)

Figure 3.30: Trends of AHSS in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.31: Forecast for AHSS in the Global Automotive Lightweight Materials Market (\$M) by Region (2018-2023)

Figure 3.32: Trends of AHSS in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.33: Forecast for AHSS in the Global Automotive Lightweight Materials Market (M lbs) by Region (2018-2023)

Figure 3.34: Trends of Magnesium in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.35: Forecast for Magnesium in the Global Automotive Lightweight Materials Market (\$M) by Region (2018-2023)

Figure 3.36: Trends of Magnesium in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.37: Forecast for Magnesium in the Global Automotive Lightweight Materials Market (M lbs) by Region (2018-2023)

Figure 3.38: Trends of Composites in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.39: Forecast for Composites in the Global Automotive Lightweight Materials Market (\$M) by Region (2018-2023)

Figure 3.40: Trends of Composites in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.41: Forecast for Composites in the Global Automotive Lightweight Materials

Market (M lbs) by Region (2018-2023)

Figure 3.42: Trends of Plastics in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.43: Forecast for Plastics in the Global Automotive Lightweight Materials Market (\$M) by Region (2018-2023)

Figure 3.44: Trends of Plastics in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.45: Forecast for Plastics in the Global Automotive Lightweight Materials Market (M lbs) by Region (2018-2023)

Figure 3.46: Trends of the Global Automotive Lightweight Materials Market (\$M) by Vehicle Type (2012-2017)

Figure 3.47: Forecast for the Global Automotive Lightweight Materials Market (\$M) by Vehicle Type (2018-2023)

Figure 3.48: Trends of the Global Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2012-2017)

Figure 3.49: Forecast for the Global Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2018-2023)

Figure 3.50: Trends of the Passenger Cars in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.51: Forecast for the Passenger Cars in the Global Automotive Lightweight Materials Market (\$M) by Region (2018-2023)

Figure 3.52: Trends of the Passenger Cars in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.53: Forecast for the Passenger Cars in the Global Automotive Lightweight Materials Market (M lbs) By Region (2018-2023)

Figure 3.54: Trends of the Light Commercial Vehicles in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.55: Forecast for the Light Commercial Vehicles in the Global Automotive Lightweight Materials Market (\$M) By Region (2018-2023)

Figure 3.56: Trends of the Light Commercial Vehicles in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.57: Forecast for the Light Commercial Vehicles in the Global Automotive Lightweight Materials Market (M lbs) by Region (2018-2023)

Figure 3.58: Trends of the Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 3.59: Forecast for the Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market (\$M) By Region (2018-2023)

Figure 3.60: Trends of the Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 3.61: Forecast for the Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market (M lbs) by Region (2018-2023)

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Figure 4.1: Trends of the Global Automotive Lightweight Materials Market (\$M) by Region (2012-2017)

Figure 4.2: Forecast for the Global Automotive Lightweight Materials Market (\$M) by Region (2018-2023)

Figure 4.3: Trends of the Global Automotive Lightweight Materials Market (M lbs) by Region (2012-2017)

Figure 4.4: Forecast for the Global Automotive Lightweight Materials Market (M lbs) by Region (2018-2023)

Figure 4.5: Trends and Forecast for the North American Automotive Lightweight Materials Market (2012-2023) (Source: Lucintel)

Figure 4.6: Trends of the North American Automotive Lightweight Materials Market (\$M) by Material Type (2012-2017)

Figure 4.7: Forecast for the North American Automotive Lightweight Materials Market (\$M) by Material Type (2018-2023)

Figure 4.8: Trends of the North American Automotive Lightweight Materials Market (M lbs) by Material Type (2012-2017)

Figure 4.9: Forecast for the North American Automotive Lightweight Materials Market (M lbs) by Material Type (2018-2023)

Figure 4.10: Trends of the North American Automotive Lightweight Materials Market (\$M) by Vehicle Type (2012-2017)

Figure 4.11: Forecast for the North American Automotive Lightweight Materials Market (\$M) by Vehicle Type (2018-2023)

Figure 4.12: Trends of the North American Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2012-2017)

Figure 4.13: Forecast for the North American Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2018-2023)

Figure 4.14: Trends and Forecast for the US Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.15: Trends and Forecast for the Canadian Automotive lightweight Materials Market (\$M) (2012-2023)

Figure 4.16: Trends and Forecast for the Mexican Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.17: Trends and Forecast for the European Automotive Lightweight Materials Market (2012-2023) (Source: Lucintel)

Figure 4.18: Trends of the European Automotive Lightweight Materials Market (\$M) by Material Type (2012-2017)

Figure 4.19: Forecast for the European Automotive Lightweight Materials Market (\$M) by Material Type (2018-2023)

Figure 4.20: Trends of the European Automotive Lightweight Materials Market (M lbs) by Material Type (2012-2017)

Figure 4.21: Forecast for the European Automotive Lightweight Materials Market (M lbs) by Material Type (2018-2023)

Figure 4.22: Trends of the European Automotive Lightweight Materials Market (\$M) by Vehicle Type (2012-2017)

Figure 4.23: Forecast for the European Automotive Lightweight Materials Market (\$M) by Vehicle Type (2018-2023)

Figure 4.24: Trends of the European Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2012-2017)

Figure 4.25: Forecast for the European Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2018-2023)

Figure 4.26: Trends and Forecast for the German Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.27: Trends and Forecast for the Russian Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.28: Trends and Forecast for the French Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.29: Trends and Forecast for the United Kingdom Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.30: Trends and Forecast for the Italian Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.31: Trends and Forecast for the APAC Automotive Lightweight Materials Market (2012-2023)

Figure 4.32: Trends of the APAC Automotive Lightweight Materials Market (\$M) by Material Type (2012-2017)

Figure 4.33: Forecast for the APAC Automotive Lightweight Materials Market (\$M) by Material Type (2018-2023)

Figure 4.34: Trends of the APAC Automotive Lightweight Materials Market (M lbs) by Material Type (2012-2017)

Figure 4.35: Forecast for the APAC Automotive Lightweight Materials Market (M lbs) by Material Type (2018-2023)

Figure 4.36: Trends of the APAC Automotive Lightweight Materials Market (\$M) by Vehicle Type (2012-2017)

Figure 4.37: Forecast for the APAC Automotive Lightweight Materials Market (\$M) by

Vehicle Type (2018-2023)

Figure 4.38: Trends of the APAC Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2012-2017)

Figure 4.39: Forecast for the APAC Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2018-2023)

Figure 4.40: Trends and Forecast for the Chinese Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.41: Trends and Forecast for the Japanese Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.42: Trends and Forecast for the Indonesian Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.43: Trends and Forecast for the Indian Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.44: Trends and Forecast for the South Korean Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.45: Trends and Forecast for the ROW Automotive Lightweight Materials Market (2012-2023) (Source: Lucintel)

Figure 4.46: Trends of the ROW Automotive Lightweight Materials Market (\$M) by Material Type (2012-2017)

Figure 4.47: Forecast for the ROW Automotive Lightweight Materials Market (\$M) by Material Type (2018-2023)

Figure 4.48: Trends of the ROW Automotive Lightweight Materials Market (M lbs) by Material Type (2012-2017)

Figure 4.49: Forecast for the ROW Automotive Lightweight Materials Market (M lbs) by Material Type (2018-2023)

Figure 4.50: Trends of the ROW Automotive Lightweight Materials Market (\$M) by Vehicle Type (2012-2017)

Figure 4.51: Forecast for the ROW Automotive Lightweight Materials Market (\$M) by Vehicle Type (2018-2023)

Figure 4.52: Trends of the ROW Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2012-2017)

Figure 4.53: Forecast for the ROW Automotive Lightweight Materials Market (M lbs) by Vehicle Type (2018-2023)

Figure 4.54: Trends and Forecast for the Brazilian Automotive Lightweight Materials Market (\$M) (2012-2023)

Figure 4.55: Trends and Forecast for the Turkish Automotive Lightweight Materials Market (\$M) (2012-2023)

CHAPTER 5. COMPETITOR ANALYSIS

Figure 5.1: Market Share Analysis of Top Five Players of Global Automotive Lightweight Materials Market 2017

Figure 5.2: Market Share in Terms of \$ Value by Top Five Suppliers in Automotive Lightweight Materials Market in 2017

Figure 5.3: Locations of Major Automotive Lightweight Materials Suppliers

Figure 5.4: Porter's Five Forces Analysis Model for Global Automotive Lightweight Materials Market

CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

Figure 6.1: Growth Opportunities for the Global Automotive Lightweight Materials Market by Application Type (2018-2023)

Figure 6.2: Growth Opportunities for the Global Automotive Lightweight Materials Market by Material Type (2018-2023)

Figure 6.3: Growth Opportunities for the Global Automotive Lightweight Materials Market by Region (2018-2023)

Figure 6.4: Growth Opportunities for the Global Automotive Lightweight Materials Market by Vehicle Type (2018-2023)

Figure 6.5: Emerging Trends in the Global Automotive Lightweight Materials Market

Figure 6.6: Strategic Initiatives by Major Competitors in the Global Automotive Lightweight Materials Market

Figure 6.7: Major Capacity Expansions in the Global Automotive Lightweight Materials Market (2012-2017)

CHAPTER 7. COMPANY PROFILES OF LEADING PLAYERS

Figure 7.1: Major Plant Locations of ArcelorMittal SA

Figure 7.2: Major Plant Locations of ThyssenKrupp AG

Figure 7.3: Major Plant Locations of Aleris Inc.

Figure 7.4: Major Plant Locations of POSCO

Figure 7.5: Major Plant Locations of Alcoa Inc.

Figure 7.6: Major Plant Locations of Novelis Inc.

Figure 7.7: Major Plant Locations of El Du Pont Nemours and Co.

Figure 7.8: Major Plant Locations of LyondellBassel Industries NV.

Figure 7.9: Major Plant Locations of Tata Steel Limited

Figure 7.10: Major Plant Locations of UC Magnesium LLC

List Of Tables

LIST OF TABLES

CHAPTER 1. EXECUTIVE SUMMARY

Table 1.1: Global Automotive Lightweight Materials Market Parameters and Attributes

CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

Table 2.1: Industry Trends in Meeting Legislation

Table 2.2: Vehicle Weight Reduction Plan

CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

Table 3.1: Market Trends of the Global Automotive Lightweight Materials Market (2012-2017)

Table 3.2: Market Forecast for the Global Automotive Lightweight Materials Market (2018-2023)

Table 3.3: Market Size and CAGR of Various Applications of the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.4: Market Size and CAGR of Various Applications of the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.5: Market Size and CAGR of Various Applications of the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.6: Market Size and CAGR of Various Applications of the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.7: Market Size and CAGR of Various Materials of the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.8: Market Size and CAGR of Various Materials of the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.9: Market Size and CAGR of Various Materials of the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.10: Market Size and CAGR of Various Materials of the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.11: Market Size and CAGR of Various Regions of Aluminum in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.12: Market Size and CAGR of Various Regions of Aluminum in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.13: Market Size and CAGR of Various Regions of Aluminum in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.14: Market Size and CAGR of Various Regions of Aluminum in the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.15: Market Size and CAGR of Various Regions of AHSS in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.16: Market Size and CAGR of Various Regions of AHSS in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.17: Market Size and CAGR of Various Regions of AHSS in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.18: Market Size and CAGR of Various Regions of AHSS in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.19: Market Size and CAGR of Various Regions of Magnesium in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.20: Market Size and CAGR of Various Regions of Magnesium in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.21: Market Size and CAGR of Various Regions of Magnesium in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.22: Market Size and CAGR of Various Regions of Magnesium in the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.23: Market Size and CAGR of Various Regions of Composites in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.24: Market Size and CAGR of Various Regions of Composites in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.25: Market Size and CAGR of Various Regions of Composites in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.26: Market Size and CAGR of Various Regions of Composites in the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.27: Market Size and CAGR of Various Regions of Plastics in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.28: Market Size and CAGR of Various Regions of Plastics in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.29: Market Size and CAGR of Various Regions of Plastics in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.30: Market Size and CAGR of Various Regions of Plastics in the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.31: Market Size and CAGR of Various Vehicle Types in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.32: Market Size and CAGR of Various Vehicle Types in the Global Automotive

Lightweight Materials Market by Value (2018-2023)

Table 3.33: Market Size and CAGR of Various Vehicle Types in the Global Automotive Lightweight Materials Market by volume (2012-2017)

Table 3.34: Market Size and CAGR of Various Vehicle Types in the Global Automotive Lightweight Materials Market by volume (2018-2023)

Table 3.35: Market Size and CAGR of Various Regions of Passenger Cars in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.36: Market Size and CAGR of Various Regions of Passenger Cars in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.37: Market Size and CAGR of Various Regions of Passenger Cars in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.38: Market Size and CAGR of Various Regions of Passenger Cars in the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.39: Market Size and CAGR of Various Regions of Light Commercial Vehicles in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.40: Market Size and CAGR of Various Regions of Light Commercial Vehicles in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.41: Market Size and CAGR of Various Regions of Light Commercial Vehicles in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.42: Market Size and CAGR of Various Regions of Light Commercial Vehicles in the Global Automotive Lightweight Materials Market by Volume (2018-2023)

Table 3.43: Market Size and CAGR of Various Regions of Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 3.44: Market Size and CAGR of Various Regions of Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 3.45: Market Size and CAGR of Various Regions of Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 3.46: Market Size and CAGR of Various Regions of Heavy Commercial Vehicles in the Global Automotive Lightweight Materials Market by Volume (2018-2023)

CHAPTER 4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION

Table 4.1: Market Size and CAGR of Various Regions in the Global Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.2: Market Size and CAGR of Various Regions in the Global Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.3: Market Size and CAGR of Various Regions in the Global Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.4: Market Size and CAGR of Various Regions in the Global Automotive

Lightweight Materials Market by Volume (2018-2023)

Table 4.5: Market Trends of the North American Automotive Lightweight Materials Market (2012-2017)

Table 4.6: Market Forecast for the North American Automotive Lightweight Materials Market (2018-2023)

Table 4.7: Market Size and CAGR of Various Materials of the North American Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.8: Market Size and CAGR of Various Materials of the North American Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.9: Market Size and CAGR of Various Materials of the North American Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.10: Market Size and CAGR of Various Materials of the North American Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.11: Market Size and CAGR of Various Vehicle Types of the North American Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.12: Market Size and CAGR of Various Vehicle Types of the North American Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.13: Market Size and CAGR of Various Vehicle Types of the North American Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.14: Market Size and CAGR of Various Vehicle Types of the North American Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.15: Trends and Forecast for the US Automotive Lightweight Materials Market (2012-2023)

Table 4.16: Trends and Forecast for the Canadian Automotive Lightweight Materials Market (2012-2023)

Table 4.17: Trends and Forecast for the Mexican Automotive Lightweight Materials Market (2012-2023)

Table 4.18: Market Trends of the European Automotive Lightweight Materials Market (2012-2017)

Table 4.19: Market Forecast for the European Automotive Lightweight Materials Market (2017-2023)

Table 4.20: Market Size and CAGR of Various Materials of the European Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.21: Market Size and CAGR of Various Materials of the European Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.22: Market Size and CAGR of Various Materials of the European Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.23: Market Size and CAGR of Various Materials of the European Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.24: Market Size and CAGR of Various Vehicle Types of the European Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.25: Market Size and CAGR of Various Vehicle Types of the European Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.26: Market Size and CAGR of Various Vehicle Types of the European Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.27: Market Size and CAGR of Various Vehicle Types of the European Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.28: Trends and Forecast for the German Automotive Lightweight Materials Market (2012-2023)

Table 4.29: Trends and Forecast for the Russian Automotive Lightweight Materials Market (2012-2023)

Table 4.30: Trends and Forecast for the French Automotive Lightweight Materials Market (2012-2023)

Table 4.31: Trends and Forecast for the United Kingdom Automotive Lightweight Materials Market (2012-2023)

Table 4.32: Trends and Forecast for the Italian Automotive Lightweight Materials Market (2012-2023)

Table 4.33: Market Trends of the APAC Automotive Lightweight Materials Market (2012-2017)

Table 4.34: Market Forecast of the APAC Automotive Lightweight Materials Market (2018-2023)

Table 4.35: Market Size and CAGR of Various Materials of the APAC Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.36: Market Size and CAGR of Various Materials of the APAC Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.37: Market Size and CAGR of Various Materials of the APAC Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.38: Market Size and CAGR of Various Materials of the APAC Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.39: Market Size and CAGR of Various Vehicle Types of the APAC Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.40: Market Size and CAGR of Various Vehicle Types of the APAC Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.41: Market Size and CAGR of Various Vehicle Types of the APAC Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.42: Market Size and CAGR of Various Vehicle Types of the APAC Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.43: Trends and Forecast for the Chinese Automotive Lightweight Materials

Market (2012-2023)

Table 4.44: Trends and Forecast for the Japanese Automotive Lightweight Materials Market (2012-2023)

Table 4.45: Trends and Forecast for the Indonesia Automotive Lightweight Materials Market (2012-2023)

Table 4.46: Trends and Forecast for the India Automotive Lightweight Materials Market (2012-2023)

Table 4.47: Trends and Forecast for the South Korea Automotive Lightweight Materials Market (2012-2023)

Table 4.48: Market Trends of the ROW Automotive Lightweight Materials Market (2012-2017)

Table 4.49: Market Forecast for the ROW Automotive Lightweight Materials Market (2018-2023)

Table 4.50: Market Size and CAGR of Various Materials of the ROW Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.51: Market Size and CAGR of Various Materials of the ROW Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.52: Market Size and CAGR of Various Materials of the ROW Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.53: Market Size and CAGR of Various Materials of the ROW Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.54: Market Size and CAGR of Various Vehicle Types of the ROW Automotive Lightweight Materials Market by Value (2012-2017)

Table 4.55: Market Size and CAGR of Various Vehicle Types of the ROW Automotive Lightweight Materials Market by Value (2018-2023)

Table 4.56: Market Size and CAGR of Various Vehicle Types of the ROW Automotive Lightweight Materials Market by Volume (2012-2017)

Table 4.57: Market Size and CAGR of Various Vehicle Types of the ROW Automotive Lightweight Materials Market by Volume (2018-2023)

Table 4.58: Trends and Forecast for the Brazilian Automotive Lightweight Materials Market (2012-2023)

Table 4.59: Trends and Forecast for the Turkish Automotive Lightweight Materials Market (2012-2023)

CHAPTER 5. COMPETITOR ANALYSIS

Table 5.1: Product Mapping of Automotive Lightweight Materials Suppliers Based on Markets Served

Table 5.2: Rankings of Suppliers Based on Revenue of the Global Automotive

Lightweight Materials Market

Table 5.3: Operational Integration of the Automotive Lightweight Materials Suppliers

CHAPTER 6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

Table 6.1: New Product Launches by Major Automotive Lightweight Materials Producers (2012-2017) (Source: Lucintel)

Table 6.2: Certifications and Licenses Acquired by Major Competitors in the Global Automotive Lightweight Materials Market

Table 6.3: Technological Advancements in the Global Automotive Lightweight Materials Market

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