

Plastics for Passenger Cars: Global Trends & Forecasts to 2016 - By Types & Geography

<https://marketpublishers.com/r/PE75F5264C8EN.html>

Date: April 2012

Pages: 292

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

ID: PE75F5264C8EN

Abstracts

Automotive Plastics Market for Passenger Cars: Global Trends & Forecasts to 2016 - By Types & Geography

The global automotive plastics market is mainly driven by passenger car production and increasing utilization of automotive plastics in vehicle designs. The report covers global consumption of seven types of plastics in passenger cars such as polypropylene, polyurethanes, polycarbonates, high density polyethylene, polymethyl methacrylate, Acrylonitrile butadiene styrene, and composites. The use of plastics in interior, exterior, and under bonnet components of automobiles help in weight reduction, improve aesthetics, vibration and noise control, and cabin insulation. The properties of plastics such as easy mouldability, recyclability, scratch resistance, high volume to weight resistance, thermal stability, impact strength, and resistance to abrasion make them suitable for use in automobiles. Among all the automotive plastics polypropylene leads consumption by 36% followed by polyurethanes (17%), ABS (12%), composites (11%), HDPE (10%), polycarbonates (7%), and PMMA (7%) due their easy forming properties and their availability at cheaper price than other materials.

The plastics to total weight ratio in passenger cars varies between 11% and 14% across all the geographies and according to industry experts this ratio is likely to increase between 3% and 4% in the next five years. As of year 2011 Asia-Pacific leads automotive plastics consumption by 52% followed by Europe (29%), North America (10%), and rest of the world (9%). Major automotive plastics suppliers/producers include Dow Chemical Company, Bayer MaterialScience, Momentive Performance Materials, Akzonobel, and Evonik. The leading consumers of automotive plastics include major automobile manufacturers such as Toyota, Hyundai Motor Company, Mitsubishi, General Motors, Honda, and Peugeot SA.

The main drivers of automotive plastics utilization are their potential for maximum mass reduction of automobile and carbon emission reduction potential by light-weighting of the vehicle. The factors restraining the market are high material cost and huge investment in material research activities by companies. The opportunities are cited in new materials such as reinforced composites and PMMA.

The global passenger car production is dominated by Asia-Pacific region followed by Europe, North America, and rest of the world. The major players in Asia-Pacific region are Toyota (Japan), Hyundai (South Korea), and Honda (Japan). In Europe the major players are Volkswagen (Germany), Peugeot SA (France), Fiat SPA (Italy), and BMW (Germany). In North America major players are General Motors (U.S.) and Ford (U.S.). The passenger car market witnessed slow down from the year 2008 to 2010 and showed signs of recovery in the year 2011. However, deteriorating economic conditions in European region indicate sluggish growth in their automotive sector. The global passenger car production is expected to grow from 60 million units in 2011 to 84.8 million units in 2016 at an estimated CAGR of 7.2% for the same period. Asia-Pacific region is expected to grow at higher CAGR of 8.8% due to growing demand in the region triggered by falling auto loan interest rates and increase in disposable income of individuals.

The global automotive plastics consumption is expected to grow from 6.7 million tons in 2011 to 10.2 million tons in 2016 at an estimated CAGR of 8.5% for the same period. The high growth rate is attributable to increasing passenger car production and initiatives by automobile manufacturers towards light-weighting of cars.

Scope of the report

This automotive plastics market research report categorizes the global market on the basis of types and geography.

On the basis of types: Polypropylene, polyurethanes, polycarbonates, high density polyethylene, polymethyl methacrylate, acrylonitrile butadiene styrene, and composites

On the basis of geography: North America, Europe, Asia-Pacific, and ROW

Contents

1 INTRODUCTION

- 1.1 KEY TAKE-AWAYS
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
 - 1.5.1 MARKET SIZE
 - 1.5.2 SOURCES OF KEY DATA POINTS
 - 1.5.3 ASSUMPTIONS

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW

- 3.1 INTRODUCTION
- 3.2 MARKET DEFINITION
- 3.3 WINNING IMPERATIVES
 - 3.3.1 MANUFACTURING PROCESS & MATERIAL RESEARCH
 - 3.3.2 ENGINEERING DESIGN & DEVELOPMENT
 - 3.3.3 TOOLING & PART FABRICATION
- 3.4 MARKET DYNAMICS
 - 3.4.1 DRIVERS
 - 3.4.1.1 Automotive and reinforced plastics provide maximum mass reduction potential
 - 3.4.1.2 Advanced automotive materials offer significant emissions reduction
 - 3.4.1.3 Automotive plastics improve vehicle design and aesthetics
 - 3.4.2 RESTRAINTS
 - 3.4.2.1 Capital cost and infrastructure
 - 3.4.2.2 Material cost
- 3.5 OPPORTUNITY
 - 3.5.1 AUTOMOTIVE APPLICATIONS OF COMPOSITES & PMMA PLASTICS ARE INCREASING
- 3.6 VALUE CHAIN
 - 3.6.1 PLASTIC RAW MATERIAL
 - 3.6.2 PLASTIC COMPONENT MANUFACTURERS
 - 3.6.3 DISTRIBUTION NETWORK

- 3.6.4 PLASTIC APPLICATION INDUSTRY
- 3.6.5 PLASTIC RECYCLING
- 3.7 GLOBAL PASSENGER CAR MARKET
 - 3.7.1 ASIA-PACIFIC
 - 3.7.2 EUROPE
 - 3.7.3 NORTH AMERICA
 - 3.7.4 ROW
- 3.8 AUTOMOTIVE WEIGHT REDUCTION STRATEGIES
 - 3.8.1 VEHICLE SIZE REDUCTION
 - 3.8.2 VEHICLE REDESIGN
 - 3.8.3 MATERIAL SELECTION
- 3.9 MATERIAL DESIGN STRATEGIES
 - 3.9.1 STEEL INTENSIVE DESIGN
 - 3.9.2 ALUMINUM INTENSIVE DESIGN
 - 3.9.3 MULTI-MATERIAL DESIGN
 - 3.9.4 CARBON FIBER DESIGN
- 3.10 AUTOMOTIVE LIGHTWEIGHT MATERIALS OVERVIEW
- 3.11 PORTER'S FIVE FORCES ANALYSIS
 - 3.11.1 THREAT FROM NEW ENTRANTS
 - 3.11.2 THREAT OF SUPPLIERS
 - 3.11.3 THREAT FROM SUBSTITUTES
 - 3.11.4 THREAT FROM BUYERS
 - 3.11.5 DEGREE OF COMPETITION
- 3.12 MAJOR PLAYERS
- 3.13 PATENT ANALYSIS

4 AUTOMOTIVE MATERIALS MARKET, BY GEOGRAPHY

- 4.1 INTRODUCTION
- 4.2 ASIA-PACIFIC
 - 4.2.1 CHINA
 - 4.2.2 JAPAN
 - 4.2.3 SOUTH KOREA
 - 4.2.4 INDIA
- 4.3 EUROPE
 - 4.3.1 GERMANY
 - 4.3.2 FRANCE
 - 4.3.3 SPAIN
 - 4.3.4 U.K.

4.4 NORTH AMERICA

4.4.1 U.S.

4.4.2 MEXICO

4.4.3 CANADA

4.5 REST OF THE WORLD

4.5.1 BRAZIL

4.5.2 RUSSIA

4.5.3 ARGENTINA

5 AUTOMOTIVE MATERIALS MARKET, BY PRODUCTS

5.1 INTRODUCTION

5.2 AUTOMOTIVE MATERIALS PRODUCT TYPES

5.2.1 POLYPROPYLENE

5.2.2 POLYURETHANES

5.2.3 ACRYLONITRILE-BUTADIENE-STYRENE (ABS)

5.2.4 POLYCARBONATES

5.2.5 COMPOSITES

5.2.6 HIGH DENSITY POLYETHYLENE (HDPE)

5.2.7 POLY METHYL-METHACRYLATE (PMMA)

6 COMPETITIVE LANDSCAPE

7 COMPANY PROFILE

7.1 AKZONOBEL N.V.

7.1.1 OVERVIEW

7.1.2 FINANCIALS

7.1.3 PRODUCTS & SERVICES

7.1.4 STRATEGY

7.1.5 DEVELOPMENTS

7.2 BASF SE

7.2.1 OVERVIEW

7.2.2 FINANCIALS

7.2.3 PRODUCT & SERVICES

7.2.4 STRATEGY

7.2.5 DEVELOPMENTS

7.3 BAYER MATERIALSCIENCE AG

7.3.1 OVERVIEW

- 7.3.2 FINANCIALS
- 7.3.3 PRODUCTS & SERVICES
- 7.3.4 STRATEGY
- 7.3.5 DEVELOPMENTS
- 7.4 BOREALIS AG
 - 7.4.1 OVERVIEW
 - 7.4.2 FINANCIALS
 - 7.4.3 PRODUCT & SERVICES
 - 7.4.4 STRATEGY
 - 7.4.5 DEVELOPMENTS
- 7.5 DELPHI AUTOMOTIVE PLC
 - 7.5.1 OVERVIEW
 - 7.5.2 FINANCIALS
 - 7.5.3 PRODUCTS & SERVICES
 - 7.5.4 STRATEGY
 - 7.5.5 DEVELOPMENTS
- 7.6 THE DOW CHEMICAL COMPANY
 - 7.6.1 OVERVIEW
 - 7.6.2 FINANCIALS
 - 7.6.3 PRODUCTS & SERVICES
 - 7.6.4 STRATEGY
 - 7.6.5 DEVELOPMENTS
- 7.7 EVONIK INDUSTRIES
 - 7.7.1 OVERVIEW
 - 7.7.2 FINANCIALS
 - 7.7.3 PRODUCT & SERVICES
 - 7.7.4 STRATEGY
 - 7.7.5 DEVELOPMENTS
- 7.8 FAURECIA S.A.
 - 7.8.1 OVERVIEW
 - 7.8.2 FINANCIALS
 - 7.8.3 PRODUCTS & SERVICES
 - 7.8.4 STRATEGY
 - 7.8.5 DEVELOPMENTS
- 7.9 GRUPO ANTOLIN-IRAUSA S.A.
 - 7.9.1 OVERVIEW
 - 7.9.2 FINANCIALS
 - 7.9.3 PRODUCT & SERVICES
 - 7.9.4 STRATEGY

- 7.9.5 DEVELOPMENTS
- 7.10 HANWHA AZDEL INC.
 - 7.10.1 OVERVIEW
 - 7.10.2 FINANCIALS
 - 7.10.3 PRODUCTS & SERVICES
 - 7.10.4 STRATEGY
 - 7.10.5 DEVELOPMENTS
- 7.11 JOHNSON CONTROLS INC.
 - 7.11.1 OVERVIEW
 - 7.11.2 FINANCIALS
 - 7.11.3 PRODUCT & SERVICES
 - 7.11.4 STRATEGY
 - 7.11.5 DEVELOPMENTS
- 7.12 LEAR CORPORATION
 - 7.12.1 OVERVIEW
 - 7.12.2 FINANCIALS
 - 7.12.3 PRODUCT & SERVICES
 - 7.12.4 STRATEGY
 - 7.12.5 DEVELOPMENTS
- 7.13 MAGNA INTERNATIONAL INCORPORATED
 - 7.13.1 OVERVIEW
 - 7.13.2 FINANCIALS
 - 7.13.3 PRODUCTS & SERVICES
 - 7.13.4 STRATEGY
 - 7.13.5 DEVELOPMENTS
- 7.14 MOMENTIVE PERFORMANCE MATERIALS INC.
 - 7.14.1 OVERVIEW
 - 7.14.2 FINANCIALS
 - 7.14.3 PRODUCT & SERVICES
 - 7.14.4 STRATEGY
 - 7.14.5 DEVELOPMENTS
- 7.15 OWENS CORNING
 - 7.15.1 OVERVIEW
 - 7.15.2 FINANCIALS
 - 7.15.3 PRODUCTS & SERVICES
 - 7.15.4 STRATEGY
 - 7.15.5 DEVELOPMENTS
- 7.16 QUADRANT AG
 - 7.16.1 OVERVIEW

- 7.16.2 FINANCIALS
- 7.16.3 PRODUCTS & SERVICES
- 7.16.4 STRATEGY
- 7.16.5 DEVELOPMENTS
- 7.17 ROYALE DSM N.V.
- 7.17.1 OVERVIEW
- 7.17.2 FINANCIALS
- 7.17.3 PRODUCT & SERVICES
- 7.17.4 STRATEGY
- 7.17.5 DEVELOPMENTS
- 7.18 SAUDI BASIC INDUSTRIES CORPORATION (SABIC)
- 7.18.1 OVERVIEW
- 7.18.2 FINANCIALS
- 7.18.3 PRODUCT & SERVICES
- 7.18.4 STRATEGY
- 7.18.5 DEVELOPMENTS
- 7.19 TEIJIN LIMITED
- 7.19.1 OVERVIEW
- 7.19.2 FINANCIALS
- 7.19.3 PRODUCTS & SERVICES
- 7.19.4 STRATEGY
- 7.19.5 DEVELOPMENTS
- 7.20 ZOLTEK COMPANY INC.
- 7.20.1 OVERVIEW
- 7.20.2 FINANCIALS
- 7.20.3 PRODUCT & SERVICES
- 7.20.4 STRATEGY
- 7.20.5 DEVELOPMENTS

List Of Tables

LIST OF TABLES

TABLE 1 GLOBAL AUTOMOTIVE PLASTICS MARKET REVENUE (\$MILLION) & VOLUME (THOUSAND TONS), BY PRODUCT TYPES, 2011

TABLE 2 POTENTIAL CARBON EMISSION REDUCTION, BY TECHNOLOGY (%)

TABLE 3 RAW MATERIAL APPLICATIONS

TABLE 4 TOP 20 PASSENGER CAR MANUFACTURERS, 2010

TABLE 5 PASSENGER CAR PRODUCTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND UNITS)

TABLE 6 ASIA-PACIFIC: PASSENGER CAR PRODUCTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND UNITS)

TABLE 7 EUROPE: PASSENGER CAR PRODUCTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND UNITS)

TABLE 8 NORTH AMERICA: PASSENGER CAR PRODUCTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND UNITS)

TABLE 9 ROW: PASSENGER CAR PRODUCTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND UNITS)

TABLE 10 MASS REDUCTION POTENTIAL OF VEHICLE MATERIAL DESIGN STRATEGIES

TABLE 11 MASS REDUCTION POTENTIAL OF VEHICLE, BY MATERIALS USED

TABLE 12 COMPARISON OF LIGHTWEIGHT AUTOMOTIVE MATERIALS

TABLE 13 MAJOR SUPPLIERS, BY OVERALL REVENUE, 2011 (\$MILLION)

TABLE 14 GLOBAL AUTOMOTIVE PLASTICS PATENTS, BY PRODUCT TYPES, 2006 – 2012

TABLE 15 GLOBAL AUTOMOTIVE PLASTICS PATENTS, BY MATERIALS, 2006 – 2012

TABLE 16 AUTOMOTIVE PLASTICS PATENTS, BY COMPANIES, 2006 – 2012

TABLE 17 ASIA-PACIFIC: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 18 ASIA-PACIFIC: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 19 ASIA-PACIFIC: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND TONS)

TABLE 20 ASIA-PACIFIC: AUTOMOTIVE PLASTICS MARKET REVENUE, BY COUNTRY, 2009 - 2016 (\$MILLION)

TABLE 21 CHINA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 22 CHINA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 23 JAPAN: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 24 SOUTH KOREA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 25 SOUTH KOREA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 26 INDIA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 27 INDIA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 28 EUROPE: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 29 EUROPE: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 30 EUROPE: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND TONS)

TABLE 31 EUROPE: AUTOMOTIVE PLASTICS MARKET REVENUE, BY COUNTRY, 2009 - 2016 (\$MILLION)

TABLE 32 GERMANY: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 33 GERMANY: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 34 FRANCE: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 35 FRANCE: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 36 SPAIN: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 37 SPAIN: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 38 U.K: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 39 U.K: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 40 NORTH AMERICA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 41 NORTH AMERICA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY

PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 42 NORTH AMERICA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND TONS)

TABLE 43 NORTH AMERICA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY COUNTRY, 2009 - 2016 (\$MILLION)

TABLE 44 U.S. AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 45 U.S.: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 46 MEXICO: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 47 MEXICO: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 48 CANADA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 49 CANADA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 50 ROW: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 51 ROW: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 52 ROW: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY COUNTRY, 2009 - 2016 (THOUSAND TONS)

TABLE 53 ROW: AUTOMOTIVE PLASTICS MARKET REVENUE, BY COUNTRY, 2009 - 2016 (\$MILLION)

TABLE 54 BRAZIL: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 55 BRAZIL: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 56 RUSSIA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 57 RUSSIA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 58 ARGENTINA: AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 59 ARGENTINA: AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 60 GLOBAL AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY PRODUCT TYPES, 2009 - 2016 (THOUSAND TONS)

TABLE 61 GLOBAL AUTOMOTIVE PLASTICS MARKET REVENUE, BY PRODUCT TYPES, 2009 - 2016 (\$MILLION)

TABLE 62 AUTOMOTIVE POLYPROPYLENE CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

TABLE 63 AUTOMOTIVE POLYPROPYLENE MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

TABLE 64 AUTOMOTIVE POLYURETHANE CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

TABLE 65 AUTOMOTIVE POLYURETHANE MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

TABLE 66 AUTOMOTIVE ABS CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

TABLE 67 AUTOMOTIVE ABS MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

TABLE 68 AUTOMOTIVE POLYCARBONATES CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

TABLE 69 AUTOMOTIVE POLYCARBONATES MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

TABLE 70 AUTOMOTIVE COMPOSITES CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

TABLE 71 AUTOMOTIVE COMPOSITES MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

TABLE 72 AUTOMOTIVE HDPE CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

TABLE 73 AUTOMOTIVE HDPE MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

TABLE 74 AUTOMOTIVE PMMA CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

TABLE 75 AUTOMOTIVE PMMA MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

TABLE 76 MERGERS & ACQUISITIONS, 2008 – 2012

TABLE 77 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS & JOINT VENTURES, 2008 – 2012

TABLE 78 NEW PRODUCTS LAUNCH, 2008 – 2012

TABLE 79 EXPANSIONS & OTHER DEVELOPMENTS, 2008 – 2012

TABLE 80 AKZONOBEL N.V: MARKET REVENUE, BY PERFORMANCE COATINGS SUB-SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 81 BASF SE: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 82 BAYER MATERIALSCIENCE: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 – 2011 (\$ MILLION)

TABLE 83 BOREALIS: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 84 DELPHI AUTOMOTIVE: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 85 THE DOW CHEMICAL COMPANY: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 86 EVONIK INDUSTRIES: MARKET REVENUE, BY BUSINESS SEGMENTS, 2009 - 2010 (\$MILLION)

TABLE 87 FAURECIA: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 88 GRUPO ANTOLIN-IRAUSA: MARKET REVENUE, BY BUSINESS SEGMENTS, 2009 - 2010 (\$MILLION)

TABLE 89 JOHNSON CONTROLS: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 90 LEAR CORPORATION: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 91 MAGNA INTERNATIONAL: MARKET REVENUE, BY GEOGRAPHY, 2010 - 2011 (\$MILLION)

TABLE 92 MOMENTIVE PERFORMANCE MATERIALS: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 - 2011 (\$MILLION)

TABLE 93 OWENS CORNING: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 94 ROYALE DSM: MARKET REVENUE, BY PERFORMANCE MATERIAL SEGMENT, 2010 - 2011 (\$MILLION)

TABLE 95 SABIC: MARKET REVENUE, BY BUSINESS SEGMENTS, 2009 – 2010 (\$MILLION)

TABLE 96 TEIJIN LIMITED: MARKET REVENUE, BY BUSINESS SEGMENTS, 2010 – 2011 (\$MILLION)

TABLE 97 ZOLTEK COMPANY: MARKET REVENUE, BY BUSINESS SEGMENTS, 2009 - 2010 (\$MILLION)

List Of Figures

LIST OF FIGURES

FIGURE 1 GLOBAL AUTOMOTIVE PLASTICS MARKET REVENUE, 2011 VS 2016 (\$MILLION)

FIGURE 2 MARKET SEGMENTATION

FIGURE 3 MASS REDUCTION POTENTIAL, BY MATERIALS

FIGURE 4 AUTOMOTIVE PLASTICS VALUE CHAIN

FIGURE 5 AUTOMOTIVE WEIGHT REDUCTION TECHNIQUES

FIGURE 6 MATERIALS USED IN AUTOMOBILES, BY WEIGHT (%)

FIGURE 7 MATERIAL VEHICLE DESIGN STRATEGIES

FIGURE 8 PORTER'S FIVE FORCES MODEL

FIGURE 9 AUTOMOTIVE PLASTICS PATENTS SHARE, BY PRODUCT TYPES, 2006 – 2012

FIGURE 10 AUTOMOTIVE PLASTICS PATENTS SHARE, BY REGION, 2006 – 2011

FIGURE 11 AUTOMOTIVE PLASTICS PATENTS REGISTERED, BY REGION, 2006 – 2011

FIGURE 12 PASSENGER CAR PRODUCTION SHARE, BY GEOGRAPHY, 2011 VS 2016

FIGURE 13 AUTOMOTIVE PLASTICS CONSUMPTION VOLUME SHARE, BY GEOGRAPHY, 2011 VS 2016

FIGURE 14 AUTOMOTIVE PLASTICS CONSUMPTION MARKET VOLUME, BY GEOGRAPHY, 2009 - 2016 (THOUSAND TONS)

FIGURE 15 AUTOMOTIVE PLASTICS CONSUMPTION MARKET REVENUE, BY GEOGRAPHY, 2009 - 2016 (\$MILLION)

FIGURE 16 AVERAGE WEIGHT OF PASSENGER CAR, BY COUNTRY, 2010 (KG)

FIGURE 17 AVERAGE PLASTICS TO TOTAL CAR WEIGHT RATIO, BY REGION, 2010

FIGURE 18 ASIA-PACIFIC: AUTOMOTIVE PLASTICS USE IN PASSENGER CAR, 2011

FIGURE 19 EUROPE: AUTOMOTIVE PLASTICS USE IN PASSENGER CAR, 2011

FIGURE 20 NORTH AMERICA: AUTOMOTIVE PLASTICS USE IN PASSENGER CAR, 2011

FIGURE 21 ROW: AUTOMOTIVE PLASTICS USE IN PASSENGER CAR, 2011

FIGURE 22 GLOBAL AUTOMOTIVE PLASTICS CONSUMPTION, 2009 - 2016 (THOUSAND TONS)

FIGURE 23 AUTOMOTIVE PLASTICS CONSUMPTION VOLUME SHARE, BY GEOGRAPHY, 2011 VS 2016

FIGURE 24 DEVELOPMENTS, BY COMPANIES
FIGURE 25 COMPETITIVE LANDSCAP

I would like to order

Product name: Plastics for Passenger Cars: Global Trends & Forecasts to 2016 - By Types & Geography

Product link: <https://marketpublishers.com/r/PE75F5264C8EN.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/PE75F5264C8EN.html>