

# Global Glass-Reinforced PP Compound Market for the Automotive Industry: Focus on Supply-Demand Scenario, Value Chain Analysis, Capacity Development, Material Competition, Application, and Sub-Applications- Analysis and Forecast, 2018-2030

<https://marketpublishers.com/r/GD65D5BC3514EN.html>

Date: December 2018

Pages: 278

Price: US\$ 5,000.00 (Single User License)

ID: GD65D5BC3514EN

## Abstracts

Hard copy option is available on any of the options above at an additional charge of \$500. Please email us at [order@marketpublishers.com](mailto:order@marketpublishers.com) with your request.

Engineering plastics and metals have been extensively replaced by polypropylene (PP) compounds in the automotive parts to achieve a significant weight reduction and cost savings. PP compounds are cost-effective yet have outstanding mechanical properties and moldability accounting for more than half of plastics used in a vehicle. The adoption of PP compound for new automotive applications and the cannibalization of other plastics by PP compound are expected to increase the share of PP compound in the automotive plastics market from 28.4% in 2017 to 34.4% in 2030. PP compounds have managed to substitute ABS in several lower-end automotive applications. This substitution is further expected in these applications such as center consoles, door panels, and side pillars. PC/ABS is a highly impact-resistant polymer which finds use in bumpers, but it has been losing its share to TPOs, as TPOs provide a cost-effective alternative to PC/ABS. LFT-PP also substitutes PC/ABS in overhead consoles of automobiles. Weak impact and aesthetic performance limit the usage of virgin PP in the automotive industry. Major applications for virgin PP in automotive industry include surge tanks, battery cases, covers, and door liners. Demand for virgin PP in the automotive industry is tied-up with the increasing demand for PP compound in the automotive industry. The direct application of virgin PP in the automotive industry faces replacement threat from PP compound.

Glass-reinforced PP compound utilize short as well as long glass fibers, which helps in improving the stiffness of the material. Short glass-reinforced PP compound finds its application in the engine and transmission of the vehicle in which stiffness is an important criterion for material selection. The use of long glass fiber-reinforced PP is fast growing due to its potential to replace metals. Glass-reinforced PP compounds are widely used in the engine and transmission applications such as air filter housing and battery. The parts that use glass-reinforced PP compounds require high strength and stiffness. Exterior applications utilize glass-reinforced PP compound in high-end vehicles for screens aerodynamics, air vent control, and sliding roof system. The exterior applications are not very common in lower-end vehicles. The use of glass-reinforced PP compound in interiors is to make the frame for parts such as door panels, center consoles, instrument panel, and seats, among others.

The global glass-reinforced PP compound market is expected to grow at a CAGR of 8.07% and 6.79% between 2018 and 2030 in terms of value and volume, respectively.

The report is a compilation of different segments of the global glass-reinforced PP compound market, including market breakdown by automotive applications, and geographical areas. Herein, the revenue generated from the automotive application areas (interior, exterior, and engine & transmission), and geographies (North America, Europe, Asia-Pacific, Middle East and Africa, and South America) are tracked to calculate the overall market size, both in terms of value (\$million) and volume (kilotons). While highlighting the key driving and restraining forces for this market, the report also provides a detailed summary of the global glass-reinforced PP compound market for the automotive industry. It also includes the key participants involved in the industry at the relevant sections.

Key questions answered in the report:

What is the global PP compound market size in terms of value (\$Million) and volume (Kilotons) from 2015-2030 along with the year-on-year growth rates and the CAGR from 2018 to 2030?

What are the different types of PP compounds used in the automotive industry and their growth pattern in terms of value and volume in different automotive parts?

What are the different types of PP compounds used in the automotive industry and their growth pattern in terms of value and volume in different regions?

What is the global glass-reinforced PP compound market size in terms of value (\$Million) and volume (Kilotons) from 2015-2030 along with the year-on-year growth rates and the CAGR from 2018 to 2030?

What are the different application areas of glass-reinforced PP compounds used in the automotive industry and their growth pattern in terms of value and volume in different automotive parts?

What is the growth pattern of glass-reinforced PP compounds used in the automotive industry in terms of value and volume in different regions and countries?

Which are the major regions and countries that provide growth opportunities for the glass-reinforced PP compound market?

What is the competitive strength of the key players in the global glass-reinforced PP compound market on the basis of their recent developments, product offerings and regional presence?

Who are the key players (along with their detailed analysis and profiles including their financials, company snapshots, key products and services, and SWOT analysis) in the market?

Who are the key end users of global glass-reinforced PP compound market?

What is the capacity development and forecast of the key players operating in the PP compound market?

What are the different automotive plastics that compete with the PP compound used in the automotive industry?

The report further includes a thorough analysis of the impact of the Porter's Five Forces to understand the overall attractiveness of the industry. Further, the report includes an exhaustive analysis of the geographical split into North America, Europe, Asia-Pacific (APAC), Middle East & Africa, and South America. Each geography details the individual push and pull forces in addition to the key players from that region. This report is a meticulous compilation of research on more than 100 players in the global glass-

reinforced PP compound market and draws upon the insights from in-depth interviews with the key opinion leaders of more than 50 leading companies, market participants, and vendors. The report also profiles approximately 16 supplier and customer profiles with their financial analysis, SWOT, and product portfolio.

The supplier profiles offered in the report are LyondellBasell Industries Holdings B.V., Mitsui Chemicals, Inc., Kingfa Sci. & Tech. Co., Ltd, Borealis AG, Washington Penn Plastic Co., Inc., Sumitomo Chemical Co., Ltd., Japan Polypropylene Corporation, SAUDI BASIC INDUSTRIES CORPORATION, POLYONE CORPORATION, and Ravago.

The key end user companies profiled in the report include Faurecia, Magna International Inc., REHAU, Summit Plastic Molding Inc., Samvardhana Motherson Group, and Yanfeng Automotive Interiors (YFAI).

## Contents

### **EXECUTIVE SUMMARY**

### **1 REPORT SCOPE & METHODOLOGY**

- 1.1 Scope of the Report
- 1.2 Research Methodology

### **2 MARKET DYNAMICS**

- 2.1 Market Drivers
- 2.2 Market Restraints
- 2.3 Market Opportunity

### **3 INDUSTRY ANALYSIS**

- 3.1 Supply-Demand Analysis
- 3.2 Value Chain Analysis
- 3.3 Policies & Regulations
- 3.4 Industry Attractiveness
- 3.5 Opportunity Matrix

### **4 PP COMPOUND MARKET IN THE AUTOMOTIVE INDUSTRY (BY TYPE)**

- 4.1 PP Compound Market for Automotive Industry (by Glass-Reinforced)
- 4.2 Additive Concentrates for the PP Compound Market

### **5 COMPETITIVE ANALYSIS OF POLYPROPYLENE COMPOUNDS FOR THE AUTOMOTIVE INDUSTRY**

- 5.1 Polypropylene Compound vs. Virgin Polypropylene
- 5.2 Polypropylene Compound vs. Polystyrene
- 5.3 Polypropylene Compound vs. Styrene Acrylonitrile
- 5.4 Polypropylene Compound vs. Polycarbonate
- 5.5 Polypropylene Compound vs. Thermoplastic Polyurethane

### **6 PP COMPOUND MARKET IN THE AUTOMOTIVE INDUSTRY (BY REGION)**

## **7 GLASS-REINFORCED PP COMPOUND MARKET IN THE AUTOMOTIVE INDUSTRY (BY REGION)**

### 7.1 Glass-Reinforced PP Compound Market for Automotive Industry in Asia-Pacific

7.1.1 Glass-Reinforced PP Compound Market for Automotive Industry in China

7.1.2 Glass-Reinforced PP Compound Market for Automotive Industry in Japan

7.1.3 Glass-Reinforced PP Compound Market for Automotive Industry in India

7.1.4 Glass-Reinforced PP Compound Market for Automotive Industry in South Korea

7.1.5 Glass-Reinforced PP Compound Market for Automotive Industry in Rest-of-Asia-Pacific

### 7.2 Glass-Reinforced PP Compound Market for Automotive Industry in Europe

7.2.1 Glass-Reinforced PP Compound Market for Automotive Industry in Germany

7.2.2 Glass-Reinforced PP Compound Market for Automotive Industry in Spain

7.2.3 Glass-Reinforced PP Compound Market for Automotive Industry in France

7.2.4 Glass-Reinforced PP Compound Market for Automotive Industry in the U.K.

7.2.5 Glass-Reinforced PP Compound Market for Automotive Industry in Italy

7.2.6 Glass-Reinforced PP Compound Market for Automotive Industry in the Netherlands

7.2.7 Glass-Reinforced PP Compound Market for Automotive Industry in the Rest-of-Europe

### 7.3 Glass-Reinforced PP Compound Market for Automotive Industry in North America

7.3.1 Glass-Reinforced PP Compound Market for Automotive Industry in the U.S.

7.3.2 Glass-Reinforced PP Compound Market for Automotive Industry in Mexico

7.3.3 Glass-Reinforced PP Compound Market for Automotive Industry in Canada

### 7.4 Glass-Reinforced PP Compound Market for Automotive Industry in Middle East and Africa

7.4.1 Glass-Reinforced PP Compound Market for Automotive Industry in Iran

7.4.2 Glass-Reinforced PP Compound Market for Automotive Industry in South Africa

7.4.3 Glass-Reinforced PP Compound Market for Automotive Industry in Saudi Arabia

7.4.4 Glass-Reinforced PP Compound Market for Automotive Industry in U.A.E.

7.4.5 Glass-Reinforced PP Compound Market for Automotive Industry in Rest-of-Middle East and Africa

### 7.5 Glass-Reinforced PP Compound Market for Automotive Industry in South America

7.5.1 Glass-Reinforced PP Compound Market for Automotive Industry in Brazil

7.5.2 Glass-Reinforced PP Compound Market for Automotive Industry in Rest-of-South America

## **8 CAPACITY DEVELOPMENT**

8.1 LyondellBasell Industries - Capacity Development (2007-2017) and Forecast (2018-2022)

8.2 Mitsui Chemicals, Inc. - Capacity Development (2007-2017) and Forecast (2018-2022)

8.3 Kingfa Sci & Tech Co Ltd - Capacity Development (2007-2017) and Forecast (2018-2022)

8.4 Washington Penn Plastic Co., Inc. - Capacity Development (2007-2017) and Forecast (2018-2022)

8.5 Sumitomo Chemical Co. Ltd. - Capacity Development (2007-2017) and Forecast (2018-2022)

8.6 Japan Polypropylene Corporation - Capacity Development (2007-2017) and Forecast (2018-2022)

## **9 COMPANY PROFILES**

9.1 Market Share Analysis

9.2 Supplier Profiles

9.2.1 LyondellBasell Industries Holdings B.V.

9.2.2 Mitsui Chemicals, Inc.

9.2.3 Kingfa Sci. & Tech. Co., Ltd.

9.2.4 Borealis AG

9.2.5 Washington Penn Plastic Co., Inc.

9.2.6 Sumitomo Chemical Co., Ltd.

9.2.7 Japan Polypropylene Corporation

9.2.8 SAUDI BASIC INDUSTRIES CORPORATION

9.2.9 POLYONE CORPORATION

9.2.10 Ravago

9.3 Customer Profiles

9.3.1 Faurecia

9.3.2 Magna International Inc.

9.3.3 REHAU

9.3.4 Summit Plastic Molding, Inc.

9.3.5 Samvardhana Motherson Group

9.3.6 Yanfeng Automotive Interiors (YFAI)

## I would like to order

Product name: Global Glass-Reinforced PP Compound Market for the Automotive Industry: Focus on Supply-Demand Scenario, Value Chain Analysis, Capacity Development, Material Competition, Application, and Sub-Applications- Analysis and Forecast, 2018-2030

Product link: <https://marketpublishers.com/r/GD65D5BC3514EN.html>

Price: US\$ 5,000.00 (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/GD65D5BC3514EN.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