

# **Global Polycarbonate Resin Market Size study, by Application (Electrical and electronics, Optical Media, Consumer, Automotive, Sheets and Others) and Regional Analysis, 2022-2029**

<https://marketpublishers.com/r/G8C587C32585EN.html>

Date: February 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G8C587C32585EN

## **Abstracts**

Global Polycarbonate Resin Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Polycarbonate resins are extensively used in numerous automotive applications as well as the manufacture of electrical and electronic equipment. It provides more design flexibility, lower costs, and improved aesthetics. It effectively possesses high impact resistance, high dimension stability, and good electrical characteristics. The increasing adoption of mobile phones and tablets, coupled with the rise in demand for Blu-ray discs are the factors driving the growth of the market across the world.

Further, the growing demand from the automotive industry is playing a vital role in the rising demand for polycarbonate resins across the global market. According to Statista, in 2020, the automotive manufacturing sector is expected to contribute a revenue of approximately USD 2.5 billion around the globe and is expected to reach nearly USD 2.8 billion in 2022. Thus, these aforementioned factors are expected to augment the growth of the Polycarbonate Resin Market. Whereas, residual Bisphenol-A in food packaging and medical applications are the factors hampering the growth of the market over the forecast years. However, high application in electronics, as well as surging demand for ID card applications are creating lucrative opportunities for the growth of the market over the upcoming years.

The key regions considered for the Global Polycarbonate Resin Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia

Pacific is account for the largest share in the global due to the shift of various end-use industries of Polycarbonate (PC) from western regions as the availability of low-cost labor, easy availability of raw materials and lack of stringent government regulation. Whereas, North America is the fastest-growing region in the global Polycarbonate Resin Market due to the rapid growth in electronics and electrical appliances manufacturers in the region.

Major market players included in this report are:

Saudi Basic Industries Corporation

Bayer MaterialScience Ag

Teijin Ltd.

Mitsubishi Engineering-Plastics Corporation

Chi Mei Corporation

Formosa Chemicals & Fibre Corporation

LG Chem Ltd.

Samsung SDI Co., Ltd.

Samyang Corporation

Thai Polycarbonate Co. Ltd.

Recent Developments in the Market:

In August 2021, Sabic introduced its certified and first-in-the-industry circular polycarbonate resins and blends. These materials originated from the upcycling of mixed post-consumer plastic. The innovation serves as the raw material for creating certified circular building blocks for premium plastics.

Global Polycarbonate Resin Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries

involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Electrical & Electronics

Optical media

Consumer

Automotive

Sheets

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Rest of the World

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
  - 1.2.1. Polycarbonate Resin Market, by Region, 2019-2029 (USD Billion)
  - 1.2.2. Polycarbonate Resin Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL POLYCARBONATE RESIN MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL POLYCARBONATE RESIN MARKET DYNAMICS**

- 3.1. Polycarbonate Resin Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing adoption of mobile phones and tablets
    - 3.1.1.2. Growing demand from the automotive industry
  - 3.1.2. Market Challenges
    - 3.1.2.1. Residual Bisphenol-A in food packaging and medical applications
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rising demand for ID card applications
    - 3.1.3.2. High application in electronics

### **CHAPTER 4. GLOBAL POLYCARBONATE RESIN MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers

- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL POLYCARBONATE RESIN MARKET, BY APPLICATION**

- 6.1. Market Snapshot
- 6.2. Global Polycarbonate Resin Market by Application, Performance - Potential Analysis
- 6.3. Global Polycarbonate Resin Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 6.4. Polycarbonate Resin Market, Sub Segment Analysis
  - 6.4.1. Electrical & Electronics
  - 6.4.2. Optical media
  - 6.4.3. Consumer
  - 6.4.4. Automotive
  - 6.4.5. Sheets
  - 6.4.6. Others

## **CHAPTER 7. GLOBAL POLYCARBONATE RESIN MARKET, REGIONAL ANALYSIS**

- 7.1. Polycarbonate Resin Market, Regional Market Snapshot
- 7.2. North America Polycarbonate Resin Market
  - 7.2.1. U.S. Polycarbonate Resin Market

- 7.2.1.1. Application breakdown estimates & forecasts, 2019-2029
- 7.2.2. Canada Polycarbonate Resin Market
- 7.3. Europe Polycarbonate Resin Market Snapshot
  - 7.3.1. U.K. Polycarbonate Resin Market
  - 7.3.2. Germany Polycarbonate Resin Market
  - 7.3.3. France Polycarbonate Resin Market
  - 7.3.4. Spain Polycarbonate Resin Market
  - 7.3.5. Italy Polycarbonate Resin Market
  - 7.3.6. Rest of Europe Polycarbonate Resin Market
- 7.4. Asia-Pacific Polycarbonate Resin Market Snapshot
  - 7.4.1. China Polycarbonate Resin Market
  - 7.4.2. India Polycarbonate Resin Market
  - 7.4.3. Japan Polycarbonate Resin Market
  - 7.4.4. Australia Polycarbonate Resin Market
  - 7.4.5. South Korea Polycarbonate Resin Market
  - 7.4.6. Rest of Asia Pacific Polycarbonate Resin Market
- 7.5. Latin America Polycarbonate Resin Market Snapshot
  - 7.5.1. Brazil Polycarbonate Resin Market
  - 7.5.2. Mexico Polycarbonate Resin Market
  - 7.5.3. Rest of Latin America Polycarbonate Resin Market
- 7.6. Rest of The World Polycarbonate Resin Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

- 8.1. Top Market Strategies
- 8.2. Company Profiles
  - 8.2.1. Saudi Basic Industries Corporation
    - 8.2.1.1. Key Information
    - 8.2.1.2. Overview
    - 8.2.1.3. Financial (Subject to Data Availability)
    - 8.2.1.4. Product Summary
    - 8.2.1.5. Recent Developments
  - 8.2.2. Bayer Material Science Ag
  - 8.2.3. Teijin Ltd.
  - 8.2.4. Mitsubishi Engineering-Plastics Corporation
  - 8.2.5. Chi Mei Corporation
  - 8.2.6. Formosa Chemicals & Fibre Corporation
  - 8.2.7. LG Chem Ltd.
  - 8.2.8. Samsung SDI Co., Ltd.

- 8.2.9. Samyang Corporation
- 8.2.10. Thai Polycarbonate Co. Ltd.

## **CHAPTER 9. RESEARCH PROCESS**

### 9.1. Research Process

- 9.1.1. Data Mining
- 9.1.2. Analysis
- 9.1.3. Market Estimation
- 9.1.4. Validation
- 9.1.5. Publishing

### 9.2. Research Attributes

### 9.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Polycarbonate Resin Market, report scope

TABLE 2. Global Polycarbonate Resin Market estimates & forecasts by Region  
2019-2029 (USD Billion)

TABLE 3. Global Polycarbonate Resin Market estimates & forecasts by Application  
2019-2029 (USD Billion)

TABLE 4. Global Polycarbonate Resin Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 5. Global Polycarbonate Resin Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 6. Global Polycarbonate Resin Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 7. Global Polycarbonate Resin Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 8. Global Polycarbonate Resin Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 9. Global Polycarbonate Resin Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 10. Global Polycarbonate Resin Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 11. Global Polycarbonate Resin Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 12. Global Polycarbonate Resin Market by segment, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 13. Global Polycarbonate Resin Market by region, estimates & forecasts,  
2019-2029 (USD Billion)

TABLE 14. U.S. Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 15. U.S. Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 16. U.S. Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 17. Canada Polycarbonate Resin Market estimates & forecasts, 2019-2029  
(USD Billion)

TABLE 18. Canada Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 19. Canada Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 20. UK Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 21. UK Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 23. Germany Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 24. Germany Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. France Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 27. France Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. Italy Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 30. Italy Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Spain Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 33. Spain Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. RoE Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 36. RoE Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. China Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

Billion)

TABLE 39. China Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 40. China Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. India Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 42. India Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 43. India Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. Japan Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 45. Japan Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 46. Japan Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. South Korea Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 48. South Korea Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 49. South Korea Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. Australia Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 51. Australia Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 52. Australia Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. RoAPAC Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 54. RoAPAC Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. Brazil Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 57. Brazil Polycarbonate Resin Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 58. Brazil Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 59. Mexico Polycarbonate Resin Market estimates & forecasts, 2019-2029  
(USD Billion)

TABLE 60. Mexico Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 61. Mexico Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 62. RoLA Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 63. RoLA Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 64. RoLA Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 65. Row Polycarbonate Resin Market estimates & forecasts, 2019-2029 (USD  
Billion)

TABLE 66. Row Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 67. Row Polycarbonate Resin Market estimates & forecasts by segment  
2019-2029 (USD Billion)

TABLE 68. List of secondary sources, used in the study of global Polycarbonate Resin  
Market

TABLE 69. List of primary sources, used in the study of global Polycarbonate Resin  
Market

TABLE 70. Years considered for the study

TABLE 71. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final  
deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Polycarbonate Resin Market, research methodology
  - FIG 2. Global Polycarbonate Resin Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Polycarbonate Resin Market, key trends 2021
  - FIG 5. Global Polycarbonate Resin Market, growth prospects 2022-2029
  - FIG 6. Global Polycarbonate Resin Market, porters 5 force model
  - FIG 7. Global Polycarbonate Resin Market, pest analysis
  - FIG 8. Global Polycarbonate Resin Market, value chain analysis
  - FIG 9. Global Polycarbonate Resin Market by segment, 2019 & 2029 (USD Billion)
  - FIG 10. Global Polycarbonate Resin Market by segment, 2019 & 2029 (USD Billion)
  - FIG 11. Global Polycarbonate Resin Market by segment, 2019 & 2029 (USD Billion)
  - FIG 12. Global Polycarbonate Resin Market by segment, 2019 & 2029 (USD Billion)
  - FIG 13. Global Polycarbonate Resin Market by segment, 2019 & 2029 (USD Billion)
  - FIG 14. Global Polycarbonate Resin Market, regional snapshot 2019 & 2029
  - FIG 15. North America Polycarbonate Resin Market 2019 & 2029 (USD Billion)
  - FIG 16. Europe Polycarbonate Resin Market 2019 & 2029 (USD Billion)
  - FIG 17. Asia pacific Polycarbonate Resin Market 2019 & 2029 (USD Billion)
  - FIG 18. Latin America Polycarbonate Resin Market 2019 & 2029 (USD Billion)
  - FIG 19. Global Polycarbonate Resin Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global Polycarbonate Resin Market Size study, by Application (Electrical and electronics, Optical Media, Consumer, Automotive, Sheets and Others) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G8C587C32585EN.html>

Price: US\$ 4,950.00 (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/G8C587C32585EN.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