

Global Polymethyl Methacrylate (PMMA) Market Size Study, by Form (Extruded Sheets, Beads, Pellets, Cast Acrylic Sheets, Others), by Grade (General Purpose Grade, Optical Grade), by End-Use (Signs & Displays, Automotive, Building & Construction, Lightning Fixtures, Electrical & Electronics, Marine, Healthcare, Agriculture, Consumer Goods, Others), and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G2A3EB3F1D10EN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G2A3EB3F1D10EN

Abstracts

The Global Polymethyl Methacrylate (PMMA) Market was valued at USD 4.93 billion in 2023 and is projected to grow significantly, registering a CAGR of 3.4% during the forecast period from 2024 to 2032, reaching a market size of approximately USD 6.66 billion by 2032. PMMA, a durable and versatile thermoplastic polymer, is extensively utilized in industries such as automotive, construction, healthcare, and electronics due to its lightweight, optical clarity, and resistance to UV rays and weather conditions.

The growing demand for lightweight materials in the automotive industry is a primary driver of market growth. PMMA is increasingly used in manufacturing automotive components such as windshields, dashboards, and lamp covers, enhancing fuel efficiency and performance. Additionally, PMMA's application in the construction sector for windows, doors, and decorative panels is witnessing a surge due to the material's aesthetic appeal, durability, and UV resistance.

Technological advancements and ongoing research have propelled PMMA adoption across diverse sectors. Innovations in PMMA grades, such as optical-grade PMMA, are boosting its use in healthcare and electronics, including devices like smartphone

screens, LED panels, and medical equipment. Furthermore, PMMA's applications in the aerospace and defense sectors, including submarine periscopes and aircraft canopies, are broadening its industrial scope.

The Asia Pacific region emerged as the largest market in 2023, driven by rapid industrialization, urbanization, and growing automotive and construction activities in nations such as China, India, and Japan. In North America, the market is primarily propelled by advancements in healthcare and the electronics sector, while Europe benefits from rising investments in sustainable construction materials.

The COVID-19 pandemic briefly hindered market growth due to disruptions in supply chains and reduced industrial activities. However, as economies recover and industrial operations resume, the PMMA market is poised to regain momentum, supported by rising demand in emerging sectors and increased investments in research and development.

Major market players included in this report are:

1. Mitsubishi Chemical Corp.
2. R?hm GmbH
3. Evonik Industries AG
4. CHIMEI
5. SABIC
6. LG Chem
7. Arkema SA
8. Asahi Kasei Corp.
9. Chevron Phillips Chemical Company LLC
10. SK Geo Centric Co. Ltd.

11. LOTTE MCC Corp.
12. HCS Group GmbH
13. Dymatic Chemicals, Inc.
14. Maruzen Petrochemical
15. Sumitomo Chemical Co., Ltd.

The detailed segments and sub-segment of the market are explained below:

By Form

Extruded Sheets

Beads

Pellets

Cast Acrylic Sheets

Others

By Grade

General Purpose Grade

Optical Grade

By End-Use

Signs & Displays

Automotive

Building & Construction

Lightning Fixtures

Electrical & Electronics

Marine

Healthcare

Agriculture

Consumer Goods

Others

By Region:

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

The Netherlands

Asia Pacific

China

India

Japan

South Korea

Australia

Malaysia

Singapore

Thailand

Vietnam

Central & South America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

United Arab Emirates (UAE)

South Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of the competitive structure of the market.

Demand-side and supply-side analysis of the market.

Contents

CHAPTER 1. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET EXECUTIVE SUMMARY

- 1.1. Global PMMA Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Form
 - 1.3.2. By Grade
 - 1.3.3. By End-Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET DYNAMICS

- 3.1. Market Drivers
 - 3.1.1. Rising Demand for Lightweight Automotive Components
 - 3.1.2. Growing Adoption in Sustainable Construction
 - 3.1.3. Technological Advancements in PMMA Grades
- 3.2. Market Challenges
 - 3.2.1. Supply Chain Disruptions Post-COVID-19
 - 3.2.2. High Raw Material Costs
- 3.3. Market Opportunities
 - 3.3.1. Increasing Applications in Electronics and Healthcare
 - 3.3.2. Expanding Markets in Emerging Economies

CHAPTER 4. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
- 4.2. PESTEL Analysis
- 4.3. Top Investment Opportunity
- 4.4. Disruptive Trends

CHAPTER 5. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET SIZE & FORECASTS BY FORM 2022-2032

- 5.1. Segment Dashboard
- 5.2. Revenue Trend Analysis (USD Billion)
 - 5.2.1. Extruded Sheets
 - 5.2.2. Beads
 - 5.2.3. Pellets
 - 5.2.4. Cast Acrylic Sheets
 - 5.2.5. Others

CHAPTER 6. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET SIZE & FORECASTS BY GRADE 2022-2032

- 6.1. Segment Dashboard
- 6.2. Revenue Trend Analysis (USD Billion)
 - 6.2.1. General Purpose Grade
 - 6.2.2. Optical Grade

CHAPTER 7. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET SIZE & FORECASTS BY END-USE 2022-2032

- 7.1. Segment Dashboard
- 7.2. Revenue Trend Analysis (USD Billion)
 - 7.2.1. Signs & Displays
 - 7.2.2. Automotive
 - 7.2.3. Building & Construction
 - 7.2.4. Lightning Fixtures
 - 7.2.5. Electrical & Electronics
 - 7.2.6. Marine
 - 7.2.7. Healthcare

- 7.2.8. Agriculture
- 7.2.9. Consumer Goods
- 7.2.10. Others

CHAPTER 8. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET SIZE & FORECASTS BY REGION 2022-2032

- 8.1. North America
- 8.2. Europe
- 8.3. Asia Pacific
- 8.4. Central & South America
- 8.5. Middle East & Africa

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Mitsubishi Chemical Corp.
 - 9.1.2. R?hm GmbH
 - 9.1.3. SABIC
- 9.2. Company Profiles
- 9.3. Market Strategies

CHAPTER 10. RESEARCH PROCESS

- 10.1. Data Mining
- 10.2. Analysis
- 10.3. Validation

12. LIST OF TABLES

- 1. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET, REPORT SCOPE**
- 2. GLOBAL PMMA MARKET ESTIMATES & FORECASTS BY REGION (2022-2032) (USD BILLION)**
- 3. GLOBAL PMMA MARKET ESTIMATES & FORECASTS BY FORM (2022-2032) (USD BILLION)**
- 4. GLOBAL PMMA MARKET ESTIMATES & FORECASTS BY GRADE (2022-2032)**

(USD BILLION)

**5. GLOBAL PMMA MARKET ESTIMATES & FORECASTS BY END-USE (2022-2032)
(USD BILLION)**

**6. REGIONAL BREAKDOWN OF PMMA MARKET BY FORM, 2022-2032 (USD
BILLION)**

**7. REGIONAL BREAKDOWN OF PMMA MARKET BY GRADE, 2022-2032 (USD
BILLION)**

**8. REGIONAL BREAKDOWN OF PMMA MARKET BY END-USE, 2022-2032 (USD
BILLION)**

**9. NORTH AMERICA PMMA MARKET ESTIMATES BY COUNTRY (U.S., CANADA,
MEXICO) (USD BILLION)**

**10. EUROPE PMMA MARKET ESTIMATES BY COUNTRY (GERMANY, UK,
FRANCE, ITALY, SPAIN, NETHERLANDS) (USD BILLION)**

**11. ASIA PACIFIC PMMA MARKET ESTIMATES BY COUNTRY (CHINA, INDIA,
JAPAN, SOUTH KOREA, AUSTRALIA, VIETNAM) (USD BILLION)**

**12. MIDDLE EAST & AFRICA PMMA MARKET ESTIMATES BY COUNTRY (SAUDI
ARABIA, UAE, SOUTH AFRICA) (USD BILLION)**

**13. CENTRAL & SOUTH AMERICA PMMA MARKET ESTIMATES BY COUNTRY
(BRAZIL, ARGENTINA) (USD BILLION)**

**14. TOP INVESTMENT OPPORTUNITIES IN PMMA MARKET BY FORM AND
GRADE, 2022-2032**

**15. GLOBAL PMMA MARKET COMPETITIVE BENCHMARKING BY KEY
COMPANIES (2023)**

16. SWOT ANALYSIS OF MITSUBISHI CHEMICAL CORP., R?HM GMBH, SABIC

17. SUPPLY CHAIN ANALYSIS FOR GLOBAL PMMA MARKET

18. DEMAND-SUPPLY GAP ANALYSIS BY REGION (2022-2032)

19. MARKET IMPACT ANALYSIS OF COVID-19 ON THE GLOBAL PMMA MARKET

20. KEY TECHNOLOGICAL INNOVATIONS IN PMMA MATERIALS AND THEIR ADOPTION RATES

12. LIST OF FIGURES

1. GLOBAL POLYMETHYL METHACRYLATE (PMMA) MARKET, RESEARCH METHODOLOGY

2. GLOBAL PMMA MARKET, ESTIMATION TECHNIQUES AND DATA SOURCES

3. GLOBAL PMMA MARKET SIZE ESTIMATES & FORECAST METHODS

4. PMMA MARKET, VALUE CHAIN ANALYSIS

5. GLOBAL PMMA MARKET, DRIVERS AND CHALLENGES (2023)

6. PMMA MARKET GROWTH TRENDS BY FORM (2022-2032)

7. REGIONAL BREAKDOWN OF PMMA MARKET SIZE BY FORM, GRADE, AND END-USE (2022 & 2032)

8. MARKET SHARE ANALYSIS OF PMMA APPLICATIONS IN AUTOMOTIVE (2023)

9. PMMA ADOPTION IN AEROSPACE AND DEFENSE APPLICATIONS (2022-2032)

10. PMMA DEMAND BY EXTRUDED SHEETS VS BEADS IN CONSTRUCTION SECTOR (2022-2032)

11. PMMA MARKET, PESTEL ANALYSIS (POLITICAL, ECONOMIC, SOCIAL, TECHNOLOGICAL, ENVIRONMENTAL, LEGAL)

12. NORTH AMERICA PMMA MARKET REGIONAL DYNAMICS (2023)

13. ASIA PACIFIC PMMA MARKET GROWTH TRENDS (2022-2032)

14. PMMA MARKET EXPANSION IN HEALTHCARE AND ELECTRONICS INDUSTRIES

15. TECHNOLOGICAL ADVANCEMENTS IN OPTICAL-GRADE PMMA APPLICATIONS (2023-2032)

16. COST-BENEFIT ANALYSIS OF PMMA MATERIALS IN AUTOMOTIVE VS TRADITIONAL MATERIALS

17. PMMA MARKET COMPETITIVE LANDSCAPE BY KEY PLAYERS (2023)

18. REGIONAL ADOPTION TRENDS IN PMMA-BASED CONSUMER GOODS (2022-2032)

19. INNOVATIONS IN CAST ACRYLIC SHEETS FOR CONSTRUCTION APPLICATIONS

20. GLOBAL PMMA MARKET, COVID-19 RECOVERY ROADMAP

I would like to order

Product name: Global Polymethyl Methacrylate (PMMA) Market Size Study, by Form (Extruded Sheets, Beads, Pellets, Cast Acrylic Sheets, Others), by Grade (General Purpose Grade, Optical Grade), by End-Use (Signs & Displays, Automotive, Building & Construction, Lightning Fixtures, Electrical & Electronics, Marine, Healthcare, Agriculture, Consumer Goods, Others), and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G2A3EB3F1D10EN.html>

Price: US\$ 3,218.00 (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/G2A3EB3F1D10EN.html>