

Global Low-Warpage POM High-Precision Reinforced Material Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G8CD336702F6EN.html>

Date: August 2026

Pages: 113

Price: US\$ 4,480.00 (Single User License)

ID: G8CD336702F6EN

Abstracts

The global Low-Warpage POM High-Precision Reinforced Material market size is expected to reach \$ 357 million by 2032, rising at a market growth of 5.7% CAGR during the forecast period (2026-2032).

Low-Warpage High-Precision Reinforced POM Materials are modified engineering plastics based on polyoxymethylene (POM), enhanced with glass beads, glass fibers, mineral fillers, carbon fibers, or hybrid reinforcement systems to improve stiffness, shrinkage uniformity, coefficient of linear thermal expansion (CLTE), and long-term dimensional stability. These materials are typically used in injection-molded precision components such as gears, sliding parts, pump and valve components, automotive micro-actuators, electrical and electronic structural parts, and functional components in home appliances where tight tolerances, low warpage, wear resistance, and creep resistance are critical. They are characterized by low moisture absorption, low friction, high molding efficiency, and the ability to partially replace metal components. The overall gross margin is approximately 38%.

Downstream demand is primarily driven by the upgrading of automotive micro-actuators, precision electronic and electrical structural parts, home appliance motion components, and industrial automation systems. Compared with standard POM materials, low-warpage reinforced grades better meet the requirements of thin-wall designs, multi-cavity molds, high-cycle injection molding, and tight assembly tolerances, making them suitable for replacing certain zinc alloy, aluminum, and unreinforced POM components.

Product competition is concentrated on POM matrix stability, reinforcement filler

dispersion, interfacial adhesion, and injection shrinkage control capabilities. International suppliers have stronger capabilities in base resin technologies, glass fiber/glass bead reinforced grades, CAE-based material selection, and automotive qualification systems. Chinese compounders are primarily focusing on customized formulations, fast response capabilities, and localized customer validation. Key upgrade directions include low-VOC formulations, wear resistance enhancement, low friction systems, and high dimensional stability composite modification.

Regional opportunities are centered in Asia's automotive, consumer electronics, and home appliance manufacturing supply chains, while Europe and North America focus more on high-reliability automotive and industrial applications. Market expansion is constrained by POM resin price volatility, the impact of filler systems on wear and surface quality, and long customer validation cycles for warpage and dimensional stability performance. Suppliers with strong batch consistency control and application development capabilities are more likely to secure long-term contracts.

This report studies the global Low-Warpage POM High-Precision Reinforced Material production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Low-Warpage POM High-Precision Reinforced Material and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Low-Warpage POM High-Precision Reinforced Material that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Low-Warpage POM High-Precision Reinforced Material total production and demand, 2021-2032, (kg)

Global Low-Warpage POM High-Precision Reinforced Material total production value, 2021-2032, (USD Million)

Global Low-Warpage POM High-Precision Reinforced Material production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (kg), (based on production site)

Global Low-Warpage POM High-Precision Reinforced Material consumption by region & country, CAGR, 2021-2032 & (kg)

U.S. VS China: Low-Warpage POM High-Precision Reinforced Material domestic production, consumption, key domestic manufacturers and share

Global Low-Warpage POM High-Precision Reinforced Material production by

manufacturer, production, price, value and market share 2021-2026, (USD Million) & (kg)

Global Low-Warpage POM High-Precision Reinforced Material production by Type, production, value, CAGR, 2021-2032, (USD Million) & (kg)

Global Low-Warpage POM High-Precision Reinforced Material production by Application, production, value, CAGR, 2021-2032, (USD Million) & (kg)

This report profiles key players in the global Low-Warpage POM High-Precision Reinforced Material market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Celanese, Delrin, Polyplastics, BASF, Asahi Kasei, Mitsubishi Gas Chemical, Korea Engineering Plastics, RTP Company, Ensinger, UNINKO, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Low-Warpage POM High-Precision Reinforced Material market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (kg) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Low-Warpage POM High-Precision Reinforced Material Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Low-Warpage POM High-Precision Reinforced Material Market, Segmentation by Type:

Glass Bead Reinforced POM

Glass Fiber Reinforced POM

Mineral Filled POM

Hybrid Reinforced POM

Carbon Fiber Reinforced POM

Global Low-Warpage POM High-Precision Reinforced Material Market, Segmentation by Reinforcement Content:

Below 10% Reinforced POM

10%-20% Reinforced POM

20%-30% Reinforced POM

Above 30% Reinforced POM

Global Low-Warpage POM High-Precision Reinforced Material Market, Segmentation by Dimensional Precision Grade:

Low Warpage Grade

High Dimensional Stability Grade

Low Shrinkage Grade

Precision Molding Grade

Low CLTE Grade

Global Low-Warpage POM High-Precision Reinforced Material Market, Segmentation by Functional Modification:

High Rigidity Grade

Wear Resistant Grade

Low Friction Grade

Low VOC Grade

Heat Aging Resistant Grade

Conductive/ESD Grade

Global Low-Warpage POM High-Precision Reinforced Material Market, Segmentation by Application:

Automotive Precision Components

Electrical and Electronic Components

Industrial Gears and Motion Parts

Home Appliance Functional Parts

Office Automation and Consumer Electronics

Medical and Healthcare Devices

Companies Profiled:

Celanese

Delrin

Polyplastics

BASF

Asahi Kasei

Mitsubishi Gas Chemical

Korea Engineering Plastics

RTP Company

Ensinger

UNINKO

Key Questions Answered:

1. How big is the global Low-Warpage POM High-Precision Reinforced Material market?
2. What is the demand of the global Low-Warpage POM High-Precision Reinforced Material market?
3. What is the year over year growth of the global Low-Warpage POM High-Precision Reinforced Material market?
4. What is the production and production value of the global Low-Warpage POM High-Precision Reinforced Material market?
5. Who are the key producers in the global Low-Warpage POM High-Precision Reinforced Material market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Low-Warpage POM High-Precision Reinforced Material Introduction
- 1.2 World Low-Warpage POM High-Precision Reinforced Material Supply & Forecast
 - 1.2.1 World Low-Warpage POM High-Precision Reinforced Material Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Low-Warpage POM High-Precision Reinforced Material Production (2021-2032)
 - 1.2.3 World Low-Warpage POM High-Precision Reinforced Material Pricing Trends (2021-2032)
- 1.3 World Low-Warpage POM High-Precision Reinforced Material Production by Region (Based on Production Site)
 - 1.3.1 World Low-Warpage POM High-Precision Reinforced Material Production Value by Region (2021-2032)
 - 1.3.2 World Low-Warpage POM High-Precision Reinforced Material Production by Region (2021-2032)
 - 1.3.3 World Low-Warpage POM High-Precision Reinforced Material Average Price by Region (2021-2032)
 - 1.3.4 North America Low-Warpage POM High-Precision Reinforced Material Production (2021-2032)
 - 1.3.5 Europe Low-Warpage POM High-Precision Reinforced Material Production (2021-2032)
 - 1.3.6 China Low-Warpage POM High-Precision Reinforced Material Production (2021-2032)
 - 1.3.7 Japan Low-Warpage POM High-Precision Reinforced Material Production (2021-2032)
 - 1.3.8 India Low-Warpage POM High-Precision Reinforced Material Production (2021-2032)
 - 1.3.9 Southeast Asia Low-Warpage POM High-Precision Reinforced Material Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Low-Warpage POM High-Precision Reinforced Material Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Low-Warpage POM High-Precision Reinforced Material Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Low-Warpage POM High-Precision Reinforced Material Demand (2021-2032)
- 2.2 World Low-Warpage POM High-Precision Reinforced Material Consumption by Region
 - 2.2.1 World Low-Warpage POM High-Precision Reinforced Material Consumption by Region (2021-2026)
 - 2.2.2 World Low-Warpage POM High-Precision Reinforced Material Consumption Forecast by Region (2027-2032)
- 2.3 United States Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032)
- 2.4 China Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032)
- 2.5 Europe Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032)
- 2.6 Japan Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032)
- 2.7 South Korea Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032)
- 2.8 ASEAN Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032)
- 2.9 India Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Low-Warpage POM High-Precision Reinforced Material Production Value by Manufacturer (2021-2026)
- 3.2 World Low-Warpage POM High-Precision Reinforced Material Production by Manufacturer (2021-2026)
- 3.3 World Low-Warpage POM High-Precision Reinforced Material Average Price by Manufacturer (2021-2026)
- 3.4 Low-Warpage POM High-Precision Reinforced Material Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Low-Warpage POM High-Precision Reinforced Material Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Low-Warpage POM High-Precision Reinforced Material in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Low-Warpage POM High-Precision Reinforced Material in 2025

3.6 Low-Warpage POM High-Precision Reinforced Material Market: Overall Company Footprint Analysis

3.6.1 Low-Warpage POM High-Precision Reinforced Material Market: Region Footprint

3.6.2 Low-Warpage POM High-Precision Reinforced Material Market: Company Product Type Footprint

3.6.3 Low-Warpage POM High-Precision Reinforced Material Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Value Comparison

4.1.1 United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Comparison

4.2.1 United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Low-Warpage POM High-Precision Reinforced Material Consumption Comparison

4.3.1 United States VS China: Low-Warpage POM High-Precision Reinforced Material Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Low-Warpage POM High-Precision Reinforced Material Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Low-Warpage POM High-Precision Reinforced Material Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Low-Warpage POM High-Precision Reinforced Material Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Low-Warpage POM High-Precision

Reinforced Material Production Value (2021-2026)

4.4.3 United States Based Manufacturers Low-Warpage POM High-Precision

Reinforced Material Production (2021-2026)

4.5 China Based Low-Warpage POM High-Precision Reinforced Material Manufacturers and Market Share

4.5.1 China Based Low-Warpage POM High-Precision Reinforced Material Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value (2021-2026)

4.5.3 China Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production (2021-2026)

4.6 Rest of World Based Low-Warpage POM High-Precision Reinforced Material Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Low-Warpage POM High-Precision Reinforced Material Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Low-Warpage POM High-Precision Reinforced Material Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Glass Bead Reinforced POM

5.2.2 Glass Fiber Reinforced POM

5.2.3 Mineral Filled POM

5.2.4 Hybrid Reinforced POM

5.2.5 Carbon Fiber Reinforced POM

5.3 Market Segment by Type

5.3.1 World Low-Warpage POM High-Precision Reinforced Material Production by Type (2021-2032)

5.3.2 World Low-Warpage POM High-Precision Reinforced Material Production Value by Type (2021-2032)

5.3.3 World Low-Warpage POM High-Precision Reinforced Material Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY REINFORCEMENT CONTENT

6.1 World Low-Warpage POM High-Precision Reinforced Material Market Size
Overview by Reinforcement Content: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Reinforcement Content

6.2.1 Below 10% Reinforced POM

6.2.2 10%-20% Reinforced POM

6.2.3 20%-30% Reinforced POM

6.2.4 Above 30% Reinforced POM

6.3 Market Segment by Reinforcement Content

6.3.1 World Low-Warpage POM High-Precision Reinforced Material Production by
Reinforcement Content (2021-2032)

6.3.2 World Low-Warpage POM High-Precision Reinforced Material Production Value
by Reinforcement Content (2021-2032)

6.3.3 World Low-Warpage POM High-Precision Reinforced Material Average Price by
Reinforcement Content (2021-2032)

7 MARKET ANALYSIS BY DIMENSIONAL PRECISION GRADE

7.1 World Low-Warpage POM High-Precision Reinforced Material Market Size
Overview by Dimensional Precision Grade: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Dimensional Precision Grade

7.2.1 Low Warpage Grade

7.2.2 High Dimensional Stability Grade

7.2.3 Low Shrinkage Grade

7.2.4 Precision Molding Grade

7.2.5 Low CLTE Grade

7.3 Market Segment by Dimensional Precision Grade

7.3.1 World Low-Warpage POM High-Precision Reinforced Material Production by
Dimensional Precision Grade (2021-2032)

7.3.2 World Low-Warpage POM High-Precision Reinforced Material Production Value
by Dimensional Precision Grade (2021-2032)

7.3.3 World Low-Warpage POM High-Precision Reinforced Material Average Price by
Dimensional Precision Grade (2021-2032)

8 MARKET ANALYSIS BY FUNCTIONAL MODIFICATION

8.1 World Low-Warpage POM High-Precision Reinforced Material Market Size
Overview by Functional Modification: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Functional Modification

- 8.2.1 High Rigidity Grade
- 8.2.2 Wear Resistant Grade
- 8.2.3 Low Friction Grade
- 8.2.4 Low VOC Grade
- 8.2.5 Heat Aging Resistant Grade
- 8.2.6 Conductive/ESD Grade

8.3 Market Segment by Functional Modification

- 8.3.1 World Low-Warpage POM High-Precision Reinforced Material Production by Functional Modification (2021-2032)
- 8.3.2 World Low-Warpage POM High-Precision Reinforced Material Production Value by Functional Modification (2021-2032)
- 8.3.3 World Low-Warpage POM High-Precision Reinforced Material Average Price by Functional Modification (2021-2032)

9 MARKET ANALYSIS BY APPLICATION

9.1 World Low-Warpage POM High-Precision Reinforced Material Market Size Overview by Application: 2021 VS 2025 VS 2032

9.2 Segment Introduction by Application

- 9.2.1 Automotive Precision Components
- 9.2.2 Electrical and Electronic Components
- 9.2.3 Industrial Gears and Motion Parts
- 9.2.4 Home Appliance Functional Parts
- 9.2.5 Office Automation and Consumer Electronics
- 9.2.6 Medical and Healthcare Devices

9.3 Market Segment by Application

- 9.3.1 World Low-Warpage POM High-Precision Reinforced Material Production by Application (2021-2032)
- 9.3.2 World Low-Warpage POM High-Precision Reinforced Material Production Value by Application (2021-2032)
- 9.3.3 World Low-Warpage POM High-Precision Reinforced Material Average Price by Application (2021-2032)

10 COMPANY PROFILES

10.1 Celanese

- 10.1.1 Celanese Details
- 10.1.2 Celanese Major Business
- 10.1.3 Celanese Low-Warpage POM High-Precision Reinforced Material Product and

Services

10.1.4 Celanese Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.1.5 Celanese Recent Developments/Updates

10.1.6 Celanese Competitive Strengths & Weaknesses

10.2 Delrin

10.2.1 Delrin Details

10.2.2 Delrin Major Business

10.2.3 Delrin Low-Warpage POM High-Precision Reinforced Material Product and Services

10.2.4 Delrin Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.2.5 Delrin Recent Developments/Updates

10.2.6 Delrin Competitive Strengths & Weaknesses

10.3 Polyplastics

10.3.1 Polyplastics Details

10.3.2 Polyplastics Major Business

10.3.3 Polyplastics Low-Warpage POM High-Precision Reinforced Material Product and Services

10.3.4 Polyplastics Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.3.5 Polyplastics Recent Developments/Updates

10.3.6 Polyplastics Competitive Strengths & Weaknesses

10.4 BASF

10.4.1 BASF Details

10.4.2 BASF Major Business

10.4.3 BASF Low-Warpage POM High-Precision Reinforced Material Product and Services

10.4.4 BASF Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

10.4.5 BASF Recent Developments/Updates

10.4.6 BASF Competitive Strengths & Weaknesses

10.5 Asahi Kasei

10.5.1 Asahi Kasei Details

10.5.2 Asahi Kasei Major Business

10.5.3 Asahi Kasei Low-Warpage POM High-Precision Reinforced Material Product and Services

10.5.4 Asahi Kasei Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 10.5.5 Asahi Kasei Recent Developments/Updates
- 10.5.6 Asahi Kasei Competitive Strengths & Weaknesses
- 10.6 Mitsubishi Gas Chemical
 - 10.6.1 Mitsubishi Gas Chemical Details
 - 10.6.2 Mitsubishi Gas Chemical Major Business
 - 10.6.3 Mitsubishi Gas Chemical Low-Warpage POM High-Precision Reinforced Material Product and Services
 - 10.6.4 Mitsubishi Gas Chemical Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.6.5 Mitsubishi Gas Chemical Recent Developments/Updates
 - 10.6.6 Mitsubishi Gas Chemical Competitive Strengths & Weaknesses
- 10.7 Korea Engineering Plastics
 - 10.7.1 Korea Engineering Plastics Details
 - 10.7.2 Korea Engineering Plastics Major Business
 - 10.7.3 Korea Engineering Plastics Low-Warpage POM High-Precision Reinforced Material Product and Services
 - 10.7.4 Korea Engineering Plastics Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.7.5 Korea Engineering Plastics Recent Developments/Updates
 - 10.7.6 Korea Engineering Plastics Competitive Strengths & Weaknesses
- 10.8 RTP Company
 - 10.8.1 RTP Company Details
 - 10.8.2 RTP Company Major Business
 - 10.8.3 RTP Company Low-Warpage POM High-Precision Reinforced Material Product and Services
 - 10.8.4 RTP Company Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.8.5 RTP Company Recent Developments/Updates
 - 10.8.6 RTP Company Competitive Strengths & Weaknesses
- 10.9 Ensinger
 - 10.9.1 Ensinger Details
 - 10.9.2 Ensinger Major Business
 - 10.9.3 Ensinger Low-Warpage POM High-Precision Reinforced Material Product and Services
 - 10.9.4 Ensinger Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 10.9.5 Ensinger Recent Developments/Updates
 - 10.9.6 Ensinger Competitive Strengths & Weaknesses
- 10.10 UNINKO

- 10.10.1 UNINKO Details
- 10.10.2 UNINKO Major Business
- 10.10.3 UNINKO Low-Warpage POM High-Precision Reinforced Material Product and Services
- 10.10.4 UNINKO Low-Warpage POM High-Precision Reinforced Material Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 10.10.5 UNINKO Recent Developments/Updates
- 10.10.6 UNINKO Competitive Strengths & Weaknesses

11 INDUSTRY CHAIN ANALYSIS

- 11.1 Low-Warpage POM High-Precision Reinforced Material Industry Chain
- 11.2 Low-Warpage POM High-Precision Reinforced Material Upstream Analysis
 - 11.2.1 Low-Warpage POM High-Precision Reinforced Material Core Raw Materials
 - 11.2.2 Main Manufacturers of Low-Warpage POM High-Precision Reinforced Material Core Raw Materials
- 11.3 Midstream Analysis
- 11.4 Downstream Analysis
- 11.5 Low-Warpage POM High-Precision Reinforced Material Production Mode
- 11.6 Low-Warpage POM High-Precision Reinforced Material Procurement Model
- 11.7 Low-Warpage POM High-Precision Reinforced Material Industry Sales Model and Sales Channels
 - 11.7.1 Low-Warpage POM High-Precision Reinforced Material Sales Model
 - 11.7.2 Low-Warpage POM High-Precision Reinforced Material Typical Distributors

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

- 13.1 Methodology
- 13.2 Research Process and Data Source
- 13.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Low-Warpage POM High-Precision Reinforced Material Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Low-Warpage POM High-Precision Reinforced Material Production Value by Region (2021-2026) & (USD Million)

Table 3. World Low-Warpage POM High-Precision Reinforced Material Production Value by Region (2027-2032) & (USD Million)

Table 4. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Region (2021-2026)

Table 5. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Region (2027-2032)

Table 6. World Low-Warpage POM High-Precision Reinforced Material Production by Region (2021-2026) & (kg)

Table 7. World Low-Warpage POM High-Precision Reinforced Material Production by Region (2027-2032) & (kg)

Table 8. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Region (2021-2026)

Table 9. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Region (2027-2032)

Table 10. World Low-Warpage POM High-Precision Reinforced Material Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World Low-Warpage POM High-Precision Reinforced Material Average Price by Region (2027-2032) & (US\$/kg)

Table 12. Low-Warpage POM High-Precision Reinforced Material Major Market Trends

Table 13. World Low-Warpage POM High-Precision Reinforced Material Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (kg)

Table 14. World Low-Warpage POM High-Precision Reinforced Material Consumption by Region (2021-2026) & (kg)

Table 15. World Low-Warpage POM High-Precision Reinforced Material Consumption Forecast by Region (2027-2032) & (kg)

Table 16. World Low-Warpage POM High-Precision Reinforced Material Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Low-Warpage POM High-Precision Reinforced Material Producers in 2025

Table 18. World Low-Warpage POM High-Precision Reinforced Material Production by Manufacturer (2021-2026) & (kg)

Table 19. Production Market Share of Key Low-Warpage POM High-Precision Reinforced Material Producers in 2025

Table 20. World Low-Warpage POM High-Precision Reinforced Material Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global Low-Warpage POM High-Precision Reinforced Material Company Evaluation Quadrant

Table 22. World Low-Warpage POM High-Precision Reinforced Material Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Low-Warpage POM High-Precision Reinforced Material Production Site of Key Manufacturer

Table 24. Low-Warpage POM High-Precision Reinforced Material Market: Company Product Type Footprint

Table 25. Low-Warpage POM High-Precision Reinforced Material Market: Company Product Application Footprint

Table 26. Low-Warpage POM High-Precision Reinforced Material Competitive Factors

Table 27. Low-Warpage POM High-Precision Reinforced Material New Entrant and Capacity Expansion Plans

Table 28. Low-Warpage POM High-Precision Reinforced Material Mergers & Acquisitions Activity

Table 29. United States VS China Low-Warpage POM High-Precision Reinforced Material Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Low-Warpage POM High-Precision Reinforced Material Production Comparison, (2021 & 2025 & 2032) & (kg)

Table 31. United States VS China Low-Warpage POM High-Precision Reinforced Material Consumption Comparison, (2021 & 2025 & 2032) & (kg)

Table 32. United States Based Low-Warpage POM High-Precision Reinforced Material Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production (2021-2026) & (kg)

Table 36. United States Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Market Share (2021-2026)

Table 37. China Based Low-Warpage POM High-Precision Reinforced Material Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production, (2021-2026) & (kg)

Table 41. China Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Market Share (2021-2026)

Table 42. Rest of World Based Low-Warpage POM High-Precision Reinforced Material Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production, (2021-2026) & (kg)

Table 46. Rest of World Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Market Share (2021-2026)

Table 47. World Low-Warpage POM High-Precision Reinforced Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Low-Warpage POM High-Precision Reinforced Material Production by Type (2021-2026) & (kg)

Table 49. World Low-Warpage POM High-Precision Reinforced Material Production by Type (2027-2032) & (kg)

Table 50. World Low-Warpage POM High-Precision Reinforced Material Production Value by Type (2021-2026) & (USD Million)

Table 51. World Low-Warpage POM High-Precision Reinforced Material Production Value by Type (2027-2032) & (USD Million)

Table 52. World Low-Warpage POM High-Precision Reinforced Material Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World Low-Warpage POM High-Precision Reinforced Material Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World Low-Warpage POM High-Precision Reinforced Material Production Value by Reinforcement Content, (USD Million), 2021 & 2025 & 2032

Table 55. World Low-Warpage POM High-Precision Reinforced Material Production by Reinforcement Content (2021-2026) & (kg)

Table 56. World Low-Warpage POM High-Precision Reinforced Material Production by Reinforcement Content (2027-2032) & (kg)

Table 57. World Low-Warpage POM High-Precision Reinforced Material Production Value by Reinforcement Content (2021-2026) & (USD Million)

Table 58. World Low-Warpage POM High-Precision Reinforced Material Production

Value by Reinforcement Content (2027-2032) & (USD Million)

Table 59. World Low-Warpag POM High-Precision Reinforced Material Average Price by Reinforcement Content (2021-2026) & (US\$/kg)

Table 60. World Low-Warpag POM High-Precision Reinforced Material Average Price by Reinforcement Content (2027-2032) & (US\$/kg)

Table 61. World Low-Warpag POM High-Precision Reinforced Material Production Value by Dimensional Precision Grade, (USD Million), 2021 & 2025 & 2032

Table 62. World Low-Warpag POM High-Precision Reinforced Material Production by Dimensional Precision Grade (2021-2026) & (kg)

Table 63. World Low-Warpag POM High-Precision Reinforced Material Production by Dimensional Precision Grade (2027-2032) & (kg)

Table 64. World Low-Warpag POM High-Precision Reinforced Material Production Value by Dimensional Precision Grade (2021-2026) & (USD Million)

Table 65. World Low-Warpag POM High-Precision Reinforced Material Production Value by Dimensional Precision Grade (2027-2032) & (USD Million)

Table 66. World Low-Warpag POM High-Precision Reinforced Material Average Price by Dimensional Precision Grade (2021-2026) & (US\$/kg)

Table 67. World Low-Warpag POM High-Precision Reinforced Material Average Price by Dimensional Precision Grade (2027-2032) & (US\$/kg)

Table 68. World Low-Warpag POM High-Precision Reinforced Material Production Value by Functional Modification, (USD Million), 2021 & 2025 & 2032

Table 69. World Low-Warpag POM High-Precision Reinforced Material Production by Functional Modification (2021-2026) & (kg)

Table 70. World Low-Warpag POM High-Precision Reinforced Material Production by Functional Modification (2027-2032) & (kg)

Table 71. World Low-Warpag POM High-Precision Reinforced Material Production Value by Functional Modification (2021-2026) & (USD Million)

Table 72. World Low-Warpag POM High-Precision Reinforced Material Production Value by Functional Modification (2027-2032) & (USD Million)

Table 73. World Low-Warpag POM High-Precision Reinforced Material Average Price by Functional Modification (2021-2026) & (US\$/kg)

Table 74. World Low-Warpag POM High-Precision Reinforced Material Average Price by Functional Modification (2027-2032) & (US\$/kg)

Table 75. World Low-Warpag POM High-Precision Reinforced Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 76. World Low-Warpag POM High-Precision Reinforced Material Production by Application (2021-2026) & (kg)

Table 77. World Low-Warpag POM High-Precision Reinforced Material Production by Application (2027-2032) & (kg)

Table 78. World Low-Warpage POM High-Precision Reinforced Material Production Value by Application (2021-2026) & (USD Million)

Table 79. World Low-Warpage POM High-Precision Reinforced Material Production Value by Application (2027-2032) & (USD Million)

Table 80. World Low-Warpage POM High-Precision Reinforced Material Average Price by Application (2021-2026) & (US\$/kg)

Table 81. World Low-Warpage POM High-Precision Reinforced Material Average Price by Application (2027-2032) & (US\$/kg)

Table 82. Celanese Basic Information, Manufacturing Base and Competitors

Table 83. Celanese Major Business

Table 84. Celanese Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 85. Celanese Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 86. Celanese Recent Developments/Updates

Table 87. Celanese Competitive Strengths & Weaknesses

Table 88. Delrin Basic Information, Manufacturing Base and Competitors

Table 89. Delrin Major Business

Table 90. Delrin Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 91. Delrin Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 92. Delrin Recent Developments/Updates

Table 93. Delrin Competitive Strengths & Weaknesses

Table 94. Polyplastics Basic Information, Manufacturing Base and Competitors

Table 95. Polyplastics Major Business

Table 96. Polyplastics Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 97. Polyplastics Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 98. Polyplastics Recent Developments/Updates

Table 99. Polyplastics Competitive Strengths & Weaknesses

Table 100. BASF Basic Information, Manufacturing Base and Competitors

Table 101. BASF Major Business

Table 102. BASF Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 103. BASF Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 104. BASF Recent Developments/Updates

Table 105. BASF Competitive Strengths & Weaknesses

Table 106. Asahi Kasei Basic Information, Manufacturing Base and Competitors

Table 107. Asahi Kasei Major Business

Table 108. Asahi Kasei Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 109. Asahi Kasei Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 110. Asahi Kasei Recent Developments/Updates

Table 111. Asahi Kasei Competitive Strengths & Weaknesses

Table 112. Mitsubishi Gas Chemical Basic Information, Manufacturing Base and Competitors

Table 113. Mitsubishi Gas Chemical Major Business

Table 114. Mitsubishi Gas Chemical Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 115. Mitsubishi Gas Chemical Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 116. Mitsubishi Gas Chemical Recent Developments/Updates

Table 117. Mitsubishi Gas Chemical Competitive Strengths & Weaknesses

Table 118. Korea Engineering Plastics Basic Information, Manufacturing Base and Competitors

Table 119. Korea Engineering Plastics Major Business

Table 120. Korea Engineering Plastics Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 121. Korea Engineering Plastics Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 122. Korea Engineering Plastics Recent Developments/Updates

Table 123. Korea Engineering Plastics Competitive Strengths & Weaknesses

Table 124. RTP Company Basic Information, Manufacturing Base and Competitors

Table 125. RTP Company Major Business

Table 126. RTP Company Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 127. RTP Company Low-Warpage POM High-Precision Reinforced Material

Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 128. RTP Company Recent Developments/Updates

Table 129. RTP Company Competitive Strengths & Weaknesses

Table 130. Ensinger Basic Information, Manufacturing Base and Competitors

Table 131. Ensinger Major Business

Table 132. Ensinger Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 133. Ensinger Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 134. Ensinger Recent Developments/Updates

Table 135. Ensinger Competitive Strengths & Weaknesses

Table 136. UNINKO Basic Information, Manufacturing Base and Competitors

Table 137. UNINKO Major Business

Table 138. UNINKO Low-Warpage POM High-Precision Reinforced Material Product and Services

Table 139. UNINKO Low-Warpage POM High-Precision Reinforced Material Production (kg), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 140. UNINKO Recent Developments/Updates

Table 141. UNINKO Competitive Strengths & Weaknesses

Table 142. Global Key Players of Low-Warpage POM High-Precision Reinforced Material Upstream (Raw Materials)

Table 143. Global Low-Warpage POM High-Precision Reinforced Material Typical Customers

Table 144. Low-Warpage POM High-Precision Reinforced Material Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Low-Warpage POM High-Precision Reinforced Material Picture

Figure 2. World Low-Warpage POM High-Precision Reinforced Material Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Low-Warpage POM High-Precision Reinforced Material Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Low-Warpage POM High-Precision Reinforced Material Production (2021-2032) & (kg)

Figure 5. World Low-Warpage POM High-Precision Reinforced Material Average Price (2021-2032) & (US\$/kg)

Figure 6. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Region (2021-2032)

Figure 7. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Region (2021-2032)

Figure 8. North America Low-Warpage POM High-Precision Reinforced Material Production (2021-2032) & (kg)

Figure 9. Europe Low-Warpage POM High-Precision Reinforced Material Production (2021-2032) & (kg)

Figure 10. China Low-Warpage POM High-Precision Reinforced Material Production (2021-2032) & (kg)

Figure 11. Japan Low-Warpage POM High-Precision Reinforced Material Production (2021-2032) & (kg)

Figure 12. India Low-Warpage POM High-Precision Reinforced Material Production (2021-2032) & (kg)

Figure 13. Southeast Asia Low-Warpage POM High-Precision Reinforced Material Production (2021-2032) & (kg)

Figure 14. Low-Warpage POM High-Precision Reinforced Material Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 17. World Low-Warpage POM High-Precision Reinforced Material Consumption Market Share by Region (2021-2032)

Figure 18. United States Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 19. China Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 20. Europe Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 21. Japan Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 22. South Korea Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 23. ASEAN Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 24. India Low-Warpage POM High-Precision Reinforced Material Consumption (2021-2032) & (kg)

Figure 25. Producer Shipments of Low-Warpage POM High-Precision Reinforced Material by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Low-Warpage POM High-Precision Reinforced Material Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Low-Warpage POM High-Precision Reinforced Material Markets in 2025

Figure 28. United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Low-Warpage POM High-Precision Reinforced Material Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Low-Warpage POM High-Precision Reinforced Material Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Market Share 2025

Figure 32. China Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Low-Warpage POM High-Precision Reinforced Material Production Market Share 2025

Figure 34. World Low-Warpage POM High-Precision Reinforced Material Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Type in 2025

Figure 36. Glass Bead Reinforced POM

Figure 37. Glass Fiber Reinforced POM

Figure 38. Mineral Filled POM

Figure 39. Hybrid Reinforced POM

Figure 40. Carbon Fiber Reinforced POM

Figure 41. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Type (2021-2032)

Figure 42. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Type (2021-2032)

Figure 43. World Low-Warpage POM High-Precision Reinforced Material Average Price by Type (2021-2032) & (US\$/kg)

Figure 44. World Low-Warpage POM High-Precision Reinforced Material Production Value by Reinforcement Content, (USD Million), 2021 & 2025 & 2032

Figure 45. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Reinforcement Content in 2025

Figure 46. Below 10% Reinforced POM

Figure 47. 10%-20% Reinforced POM

Figure 48. 20%-30% Reinforced POM

Figure 49. Above 30% Reinforced POM

Figure 50. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Reinforcement Content (2021-2032)

Figure 51. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Reinforcement Content (2021-2032)

Figure 52. World Low-Warpage POM High-Precision Reinforced Material Average Price by Reinforcement Content (2021-2032) & (US\$/kg)

Figure 53. World Low-Warpage POM High-Precision Reinforced Material Production Value by Dimensional Precision Grade, (USD Million), 2021 & 2025 & 2032

Figure 54. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Dimensional Precision Grade in 2025

Figure 55. Low Warpage Grade

Figure 56. High Dimensional Stability Grade

Figure 57. Low Shrinkage Grade

Figure 58. Precision Molding Grade

Figure 59. Low CLTE Grade

Figure 60. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Dimensional Precision Grade (2021-2032)

Figure 61. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Dimensional Precision Grade (2021-2032)

Figure 62. World Low-Warpage POM High-Precision Reinforced Material Average Price by Dimensional Precision Grade (2021-2032) & (US\$/kg)

Figure 63. World Low-Warpage POM High-Precision Reinforced Material Production Value by Functional Modification, (USD Million), 2021 & 2025 & 2032

Figure 64. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Functional Modification in 2025

Figure 65. High Rigidity Grade

Figure 66. Wear Resistant Grade

Figure 67. Low Friction Grade

Figure 68. Low VOC Grade

Figure 69. Heat Aging Resistant Grade

Figure 70. Conductive/ESD Grade

Figure 71. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Functional Modification (2021-2032)

Figure 72. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Functional Modification (2021-2032)

Figure 73. World Low-Warpage POM High-Precision Reinforced Material Average Price by Functional Modification (2021-2032) & (US\$/kg)

Figure 74. World Low-Warpage POM High-Precision Reinforced Material Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 75. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Application in 2025

Figure 76. Automotive Precision Components

Figure 77. Electrical and Electronic Components

Figure 78. Industrial Gears and Motion Parts

Figure 79. Home Appliance Functional Parts

Figure 80. Office Automation and Consumer Electronics

Figure 81. Medical and Healthcare Devices

Figure 82. World Low-Warpage POM High-Precision Reinforced Material Production Market Share by Application (2021-2032)

Figure 83. World Low-Warpage POM High-Precision Reinforced Material Production Value Market Share by Application (2021-2032)

Figure 84. World Low-Warpage POM High-Precision Reinforced Material Average Price by Application (2021-2032) & (US\$/kg)

Figure 85. Low-Warpage POM High-Precision Reinforced Material Industry Chain

Figure 86. Low-Warpage POM High-Precision Reinforced Material Procurement Model

Figure 87. Low-Warpage POM High-Precision Reinforced Material Sales Model

Figure 88. Low-Warpage POM High-Precision Reinforced Material Sales Channels, Direct Sales, and Distribution

Figure 89. Methodology

Figure 90. Research Process and Data Source

I would like to order

Product name: Global Low-Warpage POM High-Precision Reinforced Material Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G8CD336702F6EN.html>

Price: US\$ 4,480.00 (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/G8CD336702F6EN.html>