

# Global Polymer Derived Ceramics Market Size, Manufacturers, Opportunities and Forecast to 2030

<https://marketpublishers.com/r/G72FCE038E16EN.html>

Date: April 2024

Pages: 97

Price: US\$ 3,450.00 (Single User License)

ID: G72FCE038E16EN

## Abstracts

This report studies the Polymer Derived Ceramics market, Polymer-derived ceramics (PDCs) have been developed rapidly since they were discovered over 50 years ago. PDCs exhibit important application values in several key engineering fields, such as aerospace, machinery, energy, information and microelectronics. Si-based polymer-to-ceramic transformation technique to prepare fibers, coatings, bulk materials, ceramic matrix composites and other materials. Another application using PDCs is as sintering aids for non-oxide ceramics.

The commercialized production of Polymer Derived Ceramics materials are in limited quantities, so we list the research status of some Polymer Derived Ceramics materials.

According to APO Research, The global Polymer Derived Ceramics market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

China is the main market of Polymer Derived Ceramics with market share of 16%, followed by North America (13%).

Ube Industries, Nippon Carbon Co Ltd and COI Ceramics, Inc. are the main players of Polymer Derived Ceramics market, they hold about 80% of the market.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Polymer Derived Ceramics, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation,

analyze their position in the current marketplace, and make informed business decisions regarding Polymer Derived Ceramics.

The Polymer Derived Ceramics market size, estimations, and forecasts are provided in terms of sales volume (Kg) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Polymer Derived Ceramics market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

### Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Ube Industries

Nippon Carbon Co Ltd

COI Ceramics, Inc.

MATECH

SAIFEI Group

### Polymer Derived Ceramics segment by Type

SiC Fiber

Others

### Polymer Derived Ceramics segment by Application

Aerospace

Machinery

Microelectronics

Others

### Polymer Derived Ceramics Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to

business. Specialists have also laid their focus on the upcoming business prospects.

### Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Polymer Derived Ceramics market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Polymer Derived Ceramics and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Polymer Derived Ceramics.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

### Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of Polymer Derived Ceramics manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of Polymer Derived Ceramics in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Polymer Derived Ceramics Market Size Estimates and Forecasts (2019-2030)
  - 1.2.2 Global Polymer Derived Ceramics Sales Estimates and Forecasts (2019-2030)
- 1.3 Polymer Derived Ceramics Market by Type
  - 1.3.1 SiC Fiber
  - 1.3.2 Others
- 1.4 Global Polymer Derived Ceramics Market Size by Type
  - 1.4.1 Global Polymer Derived Ceramics Market Size Overview by Type (2019-2030)
  - 1.4.2 Global Polymer Derived Ceramics Historic Market Size Review by Type (2019-2024)
  - 1.4.3 Global Polymer Derived Ceramics Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
  - 1.5.1 North America Polymer Derived Ceramics Sales Breakdown by Type (2019-2024)
  - 1.5.2 Europe Polymer Derived Ceramics Sales Breakdown by Type (2019-2024)
  - 1.5.3 Asia-Pacific Polymer Derived Ceramics Sales Breakdown by Type (2019-2024)
  - 1.5.4 Latin America Polymer Derived Ceramics Sales Breakdown by Type (2019-2024)
  - 1.5.5 Middle East and Africa Polymer Derived Ceramics Sales Breakdown by Type (2019-2024)

### 2 GLOBAL MARKET DYNAMICS

- 2.1 Polymer Derived Ceramics Industry Trends
- 2.2 Polymer Derived Ceramics Industry Drivers
- 2.3 Polymer Derived Ceramics Industry Opportunities and Challenges
- 2.4 Polymer Derived Ceramics Industry Restraints

### 3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by Polymer Derived Ceramics Revenue (2019-2024)
- 3.2 Global Top Players by Polymer Derived Ceramics Sales (2019-2024)
- 3.3 Global Top Players by Polymer Derived Ceramics Price (2019-2024)
- 3.4 Global Polymer Derived Ceramics Industry Company Ranking, 2022 VS 2023 VS

2024

3.5 Global Polymer Derived Ceramics Key Company Manufacturing Sites & Headquarters

3.6 Global Polymer Derived Ceramics Company, Product Type & Application

3.7 Global Polymer Derived Ceramics Company Commercialization Time

3.8 Market Competitive Analysis

3.8.1 Global Polymer Derived Ceramics Market CR5 and HHI

3.8.2 Global Top 5 and 10 Polymer Derived Ceramics Players Market Share by Revenue in 2023

3.8.3 2023 Polymer Derived Ceramics Tier 1, Tier 2, and Tier

## **4 POLYMER DERIVED CERAMICS REGIONAL STATUS AND OUTLOOK**

4.1 Global Polymer Derived Ceramics Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global Polymer Derived Ceramics Historic Market Size by Region

4.2.1 Global Polymer Derived Ceramics Sales in Volume by Region (2019-2024)

4.2.2 Global Polymer Derived Ceramics Sales in Value by Region (2019-2024)

4.2.3 Global Polymer Derived Ceramics Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global Polymer Derived Ceramics Forecasted Market Size by Region

4.3.1 Global Polymer Derived Ceramics Sales in Volume by Region (2025-2030)

4.3.2 Global Polymer Derived Ceramics Sales in Value by Region (2025-2030)

4.3.3 Global Polymer Derived Ceramics Sales (Volume & Value), Price and Gross Margin (2025-2030)

## **5 POLYMER DERIVED CERAMICS BY APPLICATION**

5.1 Polymer Derived Ceramics Market by Application

5.1.1 Aerospace

5.1.2 Machinery

5.1.3 Microelectronics

5.1.4 Others

5.2 Global Polymer Derived Ceramics Market Size by Application

5.2.1 Global Polymer Derived Ceramics Market Size Overview by Application (2019-2030)

5.2.2 Global Polymer Derived Ceramics Historic Market Size Review by Application (2019-2024)

5.2.3 Global Polymer Derived Ceramics Forecasted Market Size by Application



(2025-2030)

### 5.3 Key Regions Market Size by Application

5.3.1 North America Polymer Derived Ceramics Sales Breakdown by Application  
(2019-2024)

5.3.2 Europe Polymer Derived Ceramics Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific Polymer Derived Ceramics Sales Breakdown by Application  
(2019-2024)

5.3.4 Latin America Polymer Derived Ceramics Sales Breakdown by Application  
(2019-2024)

5.3.5 Middle East and Africa Polymer Derived Ceramics Sales Breakdown by  
Application (2019-2024)

## 6 COMPANY PROFILES

### 6.1 Ube Industries

6.1.1 Ube Industries Company Information

6.1.2 Ube Industries Business Overview

6.1.3 Ube Industries Polymer Derived Ceramics Sales, Revenue and Gross Margin  
(2019-2024)

6.1.4 Ube Industries Polymer Derived Ceramics Product Portfolio

6.1.5 Ube Industries Recent Developments

### 6.2 Nippon Carbon Co Ltd

6.2.1 Nippon Carbon Co Ltd Company Information

6.2.2 Nippon Carbon Co Ltd Business Overview

6.2.3 Nippon Carbon Co Ltd Polymer Derived Ceramics Sales, Revenue and Gross  
Margin (2019-2024)

6.2.4 Nippon Carbon Co Ltd Polymer Derived Ceramics Product Portfolio

6.2.5 Nippon Carbon Co Ltd Recent Developments

### 6.3 COI Ceramics, Inc.

6.3.1 COI Ceramics, Inc. Company Information

6.3.2 COI Ceramics, Inc. Business Overview

6.3.3 COI Ceramics, Inc. Polymer Derived Ceramics Sales, Revenue and Gross  
Margin (2019-2024)

6.3.4 COI Ceramics, Inc. Polymer Derived Ceramics Product Portfolio

6.3.5 COI Ceramics, Inc. Recent Developments

### 6.4 MATECH

6.4.1 MATECH Company Information

6.4.2 MATECH Business Overview

6.4.3 MATECH Polymer Derived Ceramics Sales, Revenue and Gross Margin

(2019-2024)

6.4.4 MATECH Polymer Derived Ceramics Product Portfolio

6.4.5 MATECH Recent Developments

6.5 SAIFEI Group

6.5.1 SAIFEI Group Company Information

6.5.2 SAIFEI Group Business Overview

6.5.3 SAIFEI Group Polymer Derived Ceramics Sales, Revenue and Gross Margin

(2019-2024)

6.5.4 SAIFEI Group Polymer Derived Ceramics Product Portfolio

6.5.5 SAIFEI Group Recent Developments

## **7 NORTH AMERICA BY COUNTRY**

7.1 North America Polymer Derived Ceramics Sales by Country

7.1.1 North America Polymer Derived Ceramics Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.1.2 North America Polymer Derived Ceramics Sales by Country (2019-2024)

7.1.3 North America Polymer Derived Ceramics Sales Forecast by Country (2025-2030)

7.2 North America Polymer Derived Ceramics Market Size by Country

7.2.1 North America Polymer Derived Ceramics Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

7.2.2 North America Polymer Derived Ceramics Market Size by Country (2019-2024)

7.2.3 North America Polymer Derived Ceramics Market Size Forecast by Country (2025-2030)

## **8 EUROPE BY COUNTRY**

8.1 Europe Polymer Derived Ceramics Sales by Country

8.1.1 Europe Polymer Derived Ceramics Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.1.2 Europe Polymer Derived Ceramics Sales by Country (2019-2024)

8.1.3 Europe Polymer Derived Ceramics Sales Forecast by Country (2025-2030)

8.2 Europe Polymer Derived Ceramics Market Size by Country

8.2.1 Europe Polymer Derived Ceramics Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe Polymer Derived Ceramics Market Size by Country (2019-2024)

8.2.3 Europe Polymer Derived Ceramics Market Size Forecast by Country (2025-2030)

## **9 ASIA-PACIFIC BY COUNTRY**

### 9.1 Asia-Pacific Polymer Derived Ceramics Sales by Country

9.1.1 Asia-Pacific Polymer Derived Ceramics Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific Polymer Derived Ceramics Sales by Country (2019-2024)

9.1.3 Asia-Pacific Polymer Derived Ceramics Sales Forecast by Country (2025-2030)

### 9.2 Asia-Pacific Polymer Derived Ceramics Market Size by Country

9.2.1 Asia-Pacific Polymer Derived Ceramics Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific Polymer Derived Ceramics Market Size by Country (2019-2024)

9.2.3 Asia-Pacific Polymer Derived Ceramics Market Size Forecast by Country (2025-2030)

## **10 LATIN AMERICA BY COUNTRY**

### 10.1 Latin America Polymer Derived Ceramics Sales by Country

10.1.1 Latin America Polymer Derived Ceramics Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America Polymer Derived Ceramics Sales by Country (2019-2024)

10.1.3 Latin America Polymer Derived Ceramics Sales Forecast by Country (2025-2030)

### 10.2 Latin America Polymer Derived Ceramics Market Size by Country

10.2.1 Latin America Polymer Derived Ceramics Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America Polymer Derived Ceramics Market Size by Country (2019-2024)

10.2.3 Latin America Polymer Derived Ceramics Market Size Forecast by Country (2025-2030)

## **11 MIDDLE EAST AND AFRICA BY COUNTRY**

### 11.1 Middle East and Africa Polymer Derived Ceramics Sales by Country

11.1.1 Middle East and Africa Polymer Derived Ceramics Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.1.2 Middle East and Africa Polymer Derived Ceramics Sales by Country (2019-2024)

11.1.3 Middle East and Africa Polymer Derived Ceramics Sales Forecast by Country (2025-2030)

## 11.2 Middle East and Africa Polymer Derived Ceramics Market Size by Country

11.2.1 Middle East and Africa Polymer Derived Ceramics Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa Polymer Derived Ceramics Market Size by Country (2019-2024)

11.2.3 Middle East and Africa Polymer Derived Ceramics Market Size Forecast by Country (2025-2030)

## **12 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

### 12.1 Polymer Derived Ceramics Value Chain Analysis

12.1.1 Polymer Derived Ceramics Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 Polymer Derived Ceramics Production Mode & Process

### 12.2 Polymer Derived Ceramics Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 Polymer Derived Ceramics Distributors

12.2.3 Polymer Derived Ceramics Customers

## **13 CONCLUDING INSIGHTS**

## **14 APPENDIX**

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

## I would like to order

Product name: Global Polymer Derived Ceramics Market Size, Manufacturers, Opportunities and Forecast to 2030

Product link: <https://marketpublishers.com/r/G72FCE038E16EN.html>

Price: US\$ 3,450.00 (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/G72FCE038E16EN.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

