

Global PPS and PEEK Plastic CMP Rings Market Growth 2024-2030

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Abstracts

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For the polishing process, there are two kinds of retainer rings, one is a metal retainer ring, the other is a plastic retainer ring. However, metal retainer rings have a short life span due to the high friction coefficient and easy-scratched surface compared with plastic ones. Besides, metal rings can also lead to severe particle generation which will cause lower wafer quality. Therefore, more and more manufacturers have switched from metal to plastic rings (e.g., PPS or PEEK). And usually, the PEEK large tubes are mostly used in the process due to the easy machining. Nowadays, the most polishing slurry is abrasive-free, however, the abrasive still exists in some applications and will cause severe damage to the plastic material.

PPS and PEEK are two of the most common materials used in CMP retainer rings. Both have excellent physical properties such as chemical resistance, high-temperature resistance, low coefficient of friction, high hardness, and low water absorption. However, they also differ significantly in their mechanical properties. PPS, PEEK is the most commonly used material for CMP retainer rings. If you are concerned about the cost, then PPS is another option.

The global PPS and PEEK Plastic CMP Rings market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "PPS and PEEK Plastic CMP Rings Industry Forecast" looks at past sales and reviews total world PPS and PEEK Plastic CMP Rings sales in 2023, providing a comprehensive analysis by region and

market sector of projected PPS and PEEK Plastic CMP Rings sales for 2024 through 2030. With PPS and PEEK Plastic CMP Rings sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PPS and PEEK Plastic CMP Rings industry.

This Insight Report provides a comprehensive analysis of the global PPS and PEEK Plastic CMP Rings landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PPS and PEEK Plastic CMP Rings portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PPS and PEEK Plastic CMP Rings market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PPS and PEEK Plastic CMP Rings and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PPS and PEEK Plastic CMP Rings.

United States market for PPS and PEEK Plastic CMP Rings is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for PPS and PEEK Plastic CMP Rings is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for PPS and PEEK Plastic CMP Rings is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key PPS and PEEK Plastic CMP Rings players cover Willbe S&T, CALITECH, Cnus Co., Ltd., UIS Technologies, Euroshore, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth

opportunities of PPS and PEEK Plastic CMP Rings market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Polyetheretherketone (PEEK) CMP Rings

Polyphenylene Sulfide (PPS) CMP Rings

Segmentation by Application:

300 mm Wafer

200 mm Wafer

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Willbe S&T

CALITECH

Cnus Co., Ltd.

UIS Technologies

Euroshore

PTC, Inc.

AKT Components Sdn Bhd

Ensinger

ARC PRECISION ENGINEERING

Key Questions Addressed in this Report

What is the 10-year outlook for the global PPS and PEEK Plastic CMP Rings market?

What factors are driving PPS and PEEK Plastic CMP Rings market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PPS and PEEK Plastic CMP Rings market opportunities vary by end market size?

How does PPS and PEEK Plastic CMP Rings break out by Type, by Application?

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