

## 2018-2023 Global Poly (Ether-ketone-ketone) (PEKK) Consumption Market Report

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## **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Poly (Ether-ketone-ketone) (PEKK) market for 2018-2023.

Poly (ether-ketone-ketone) (PEKK) is a semi-crystalline thermoplastic in the PAEK (Poly Aryl Ether Ketone) family, with high heat resistance, chemical resistance and the ability to withstand high mechanical loads.

The global production of PEKK increased from 329 MT in 2013 to 511 MT in 2017 at an average annual growth rate of more than 11.72%. Europe is the biggest manufacturing base with the production market share of 63.8 % in 2017 followed by India. Arkema is the global leader. In the next five years, the global production of PEKK will maintain 7.25% average annual growth rate.

The PEKK is mainly used in aerospace, automotive industry and medical industry. Using 3D printing techniques such as selective laser sintering (SLS), PEKK components with complex geometries and unique shapes can be manufactured rapidly without molds or dies. With the development of 3D printing technology, there will be an increasing demand of PEKK in the next few years. EU and North America are the main consumption markets.

This industry is monopolized by a few companies such as Arkema and Rallis, while Rallis supply PEKK mainly for Cytec Solvay Group. In China, Kaisheng New Materials is the only manufacturer and the first one to break the technology monopoly. OPM is a recognized leader in high performance additive manufacturing.

Although sales of PEKK brought a lot of opportunities, the study group recommends the new entrants just having money but without technical advantage and downstream support do not enter into the PEKK field abruptly.



Over the next five years, LPI(LP Information) projects that Poly (Ether-ketone-ketone) (PEKK) will register a 11.9% CAGR in terms of revenue, reach US\$ 72 million by 2023, from US\$ 37 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Poly (Ether-ketone-ketone) (PEKK) market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Electrophilic substitution

Nucleophilic substitution

Segmentation by application:

Aerospace

Automotive Industry

Medical Industry

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

Spain

Middle East & Africa

Egypt

South Africa

Israel



Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Arkema
Rallis
Kaisheng New Materials
ОРМ
Polymics

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### **RESEARCH OBJECTIVES**

To study and analyze the global Poly (Ether-ketone-ketone) (PEKK) consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Poly (Ether-ketone-ketone) (PEKK) market by identifying its various subsegments.

Focuses on the key global Poly (Ether-ketone-ketone) (PEKK) manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.



To analyze the Poly (Ether-ketone-ketone) (PEKK) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Poly (Ether-ketone-ketone) (PEKK) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



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