

Global Conductive Polyetheretherketone Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GFA4FC24097AEN.html>

Date: June 2026

Pages: 93

Price: US\$ 3,480.00 (Single User License)

ID: GFA4FC24097AEN

Abstracts

According to our (Global Info Research) latest study, the global Conductive Polyetheretherketone market size was valued at US\$ 61.74 million in 2025 and is forecast to a readjusted size of US\$ 119 million by 2032 with a CAGR of 9.8% during review period.

In 2025, the global market size of conductive PEEK reached 60 million USD. As a high-performance engineering plastic rendered conductive by incorporating conductive fillers such as carbon black, carbon nanotubes and graphite into conventional polyetheretherketone, it exhibits excellent mechanical strength, high temperature resistance, corrosion resistance and electrical conductivity for applications requiring electrical performance, with its conductivity achieved through the formation of conductive channels by fillers in the polymer matrix; thanks to its superior properties including high temperature resistance, corrosion resistance and good electrical conductivity, conductive PEEK enjoys broad market prospects in high-end sectors such as aerospace, medical treatment, electronics, electrical engineering and automotive industries, and its applications will keep expanding in electric vehicles, 5G communications, medical implants and smart devices amid rising demand for high-performance materials, while advances in 3D printing and manufacturing technologies have also created more market opportunities, and despite the challenge of high cost hindering wider popularization, conductive PEEK is projected to gain broader applications and remarkable growth in the coming years with improved production technologies and increasing market demand.

As a high-performance plastic with excellent high-temperature resistance, corrosion resistance, electrical conductivity, and mechanical strength, conductive

polyetheretherketone (C-PEEK) enjoys expanding market demand driven by multiple industries: the electronics and electrical sector serves as the core demand source due to its applications in electric vehicles, 5G communications, smart devices, battery management systems, connectors, and sensors; the automotive and electric vehicle industry shows strong demand for lightweight and corrosion-resistant materials; the aerospace sector requires high-strength, lightweight, and high-temperature-resistant materials; and the medical field, benefiting from population aging and growing healthcare needs, provides incremental demand for orthopedic implants and artificial joints owing to C-PEEK's good biocompatibility. However, the industry also faces challenges and uncertainties, including high production costs as a major short-term bottleneck for market penetration, increasingly stringent global environmental regulations raising compliance and production costs, and low awareness and acceptance in traditional industries slowing down popularization. In terms of the industrial chain, upstream PEEK resin is dominated by international giants such as Solvay and Victrex, with complex production processes, high technical barriers, high supply concentration, and potential supply chain stability risks; midstream processing mainly adopts injection molding, extrusion, 3D printing and other technologies, with global processing clusters concentrated in Europe as well as Guangzhou and Zhejiang in China, and large-scale production is expected to further reduce manufacturing costs; downstream applications are concentrated in four core areas: electronics and electrical, automotive, aerospace, and medical treatment, all with prominent high-end application characteristics. The overall market competition is highly concentrated: the upstream raw material sector is controlled by leading enterprises including Solvay, Victrex, and DuPont, while the downstream is dominated by high-end manufacturing, medical, and electronic brands, forming an industrial structure featured by technological monopoly upstream, regional agglomeration in midstream processing, and significant premium effects in high-end downstream applications.

This report is a detailed and comprehensive analysis for global Conductive Polyetheretherketone market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Reinforcement Material and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Conductive Polyetheretherketone market size and forecasts, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/Kg), 2021-2032

Global Conductive Polyetheretherketone market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/Kg), 2021-2032

Global Conductive Polyetheretherketone market size and forecasts, by Reinforcement Material and by Application, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/Kg), 2021-2032

Global Conductive Polyetheretherketone market shares of main players, shipments in revenue (\$ Million), sales quantity (kg), and ASP (US\$/Kg), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Conductive Polyetheretherketone

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Conductive Polyetheretherketone market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Victrex, Solvay, Ensinger, Mitsubishi Chemical, Toray Industries, Kingfa Sci. & Tech. Co., Ltd., Junhua PEEK, etc.

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

Market Segmentation

Conductive Polyetheretherketone market is split by Reinforcement Material and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Reinforcement Material, and by

Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Reinforcement Material

Glass Fiber Reinforced PEEK

Carbon Fiber Reinforced PEEK

Carbon Black Filled PEEK

Others

Market segment by Processing Method

Injection Molding Grade PEEK

Extrusion Grade PEEK

Compression Grade PEEK

Others

Market segment by Temperature Grade

High-Temperature PEEK?>200°C?

Standard Temperature PEEK?100–200°C?

Low Temperature Grade (

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Reinforcement Material

1.3.1 Overview: Global Conductive Polyetheretherketone Consumption Value by Reinforcement Material: 2021 Versus 2025 Versus 2032

1.3.2 Glass Fiber Reinforced PEEK

1.3.3 Carbon Fiber Reinforced PEEK

1.3.4 Carbon Black Filled PEEK

1.3.5 Others

1.4 Market Analysis by Processing Method

1.4.1 Overview: Global Conductive Polyetheretherketone Consumption Value by Processing Method: 2021 Versus 2025 Versus 2032

1.4.2 Injection Molding Grade PEEK

1.4.3 Extrusion Grade PEEK

1.4.4 Compression Grade PEEK

1.4.5 Others

1.5 Market Analysis by Temperature Grade

1.5.1 Overview: Global Conductive Polyetheretherketone Consumption Value by Temperature Grade: 2021 Versus 2025 Versus 2032

1.5.2 High-Temperature PEEK? $>200^{\circ}\text{C}$?

1.5.3 Standard Temperature PEEK? $100\text{--}200^{\circ}\text{C}$?

1.5.4 Low Temperature Grade (

List Of Tables

LIST OF TABLES

Table 1. Global Conductive Polyetheretherketone Consumption Value by Reinforcement Material, (USD Million), 2021 & 2025 & 2032

Table 2. Global Conductive Polyetheretherketone Consumption Value by Processing Method, (USD Million), 2021 & 2025 & 2032

Table 3. Global Conductive Polyetheretherketone Consumption Value by Temperature Grade, (USD Million), 2021 & 2025 & 2032

Table 4. Global Conductive Polyetheretherketone Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Victrex Basic Information, Manufacturing Base and Competitors

Table 6. Victrex Major Business

Table 7. Victrex Conductive Polyetheretherketone Product and Services

Table 8. Victrex Conductive Polyetheretherketone Sales Quantity (kg), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Victrex Recent Developments/Updates

Table 10. Solvay Basic Information, Manufacturing Base and Competitors

Table 11. Solvay Major Business

Table 12. Solvay Conductive Polyetheretherketone Product and Services

Table 13. Solvay Conductive Polyetheretherketone Sales Quantity (kg), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Solvay Recent Developments/Updates

Table 15. Ensinger Basic Information, Manufacturing Base and Competitors

Table 16. Ensinger Major Business

Table 17. Ensinger Conductive Polyetheretherketone Product and Services

Table 18. Ensinger Conductive Polyetheretherketone Sales Quantity (kg), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Ensinger Recent Developments/Updates

Table 20. Mitsubishi Chemical Basic Information, Manufacturing Base and Competitors

Table 21. Mitsubishi Chemical Major Business

Table 22. Mitsubishi Chemical Conductive Polyetheretherketone Product and Services

Table 23. Mitsubishi Chemical Conductive Polyetheretherketone Sales Quantity (kg), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Mitsubishi Chemical Recent Developments/Updates

Table 25. Toray Industries Basic Information, Manufacturing Base and Competitors

Table 26. Toray Industries Major Business

Table 27. Toray Industries Conductive Polyetheretherketone Product and Services

Table 28. Toray Industries Conductive Polyetheretherketone Sales Quantity (kg), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Toray Industries Recent Developments/Updates

Table 30. Kingfa Sci. & Tech. Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 31. Kingfa Sci. & Tech. Co., Ltd. Major Business

Table 32. Kingfa Sci. & Tech. Co., Ltd. Conductive Polyetheretherketone Product and Services

Table 33. Kingfa Sci. & Tech. Co., Ltd. Conductive Polyetheretherketone Sales Quantity (kg), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Kingfa Sci. & Tech. Co., Ltd. Recent Developments/Updates

Table 35. Junhua PEEK Basic Information, Manufacturing Base and Competitors

Table 36. Junhua PEEK Major Business

Table 37. Junhua PEEK Conductive Polyetheretherketone Product and Services

Table 38. Junhua PEEK Conductive Polyetheretherketone Sales Quantity (kg), Average Price (US\$/Kg), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Junhua PEEK Recent Developments/Updates

Table 40. Global Conductive Polyetheretherketone Sales Quantity by Manufacturer (2021-2026) & (kg)

Table 41. Global Conductive Polyetheretherketone Revenue by Manufacturer (2021-2026) & (USD Million)

Table 42. Global Conductive Polyetheretherketone Average Price by Manufacturer (2021-2026) & (US\$/Kg)

Table 43. Market Position of Manufacturers in Conductive Polyetheretherketone, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 44. Head Office and Conductive Polyetheretherketone Production Site of Key Manufacturer

Table 45. Conductive Polyetheretherketone Market: Company Product Type Footprint

Table 46. Conductive Polyetheretherketone Market: Company Product Application Footprint

Table 47. Conductive Polyetheretherketone New Market Entrants and Barriers to Market Entry

Table 48. Conductive Polyetheretherketone Mergers, Acquisition, Agreements, and Collaborations

Table 49. Global Conductive Polyetheretherketone Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 50. Global Conductive Polyetheretherketone Sales Quantity by Region (2021-2026) & (kg)

Table 51. Global Conductive Polyetheretherketone Sales Quantity by Region (2027-2032) & (kg)

Table 52. Global Conductive Polyetheretherketone Consumption Value by Region (2021-2026) & (USD Million)

Table 53. Global Conductive Polyetheretherketone Consumption Value by Region (2027-2032) & (USD Million)

Table 54. Global Conductive Polyetheretherketone Average Price by Region (2021-2026) & (US\$/Kg)

Table 55. Global Conductive Polyetheretherketone Average Price by Region (2027-2032) & (US\$/Kg)

Table 56. Global Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2021-2026) & (kg)

Table 57. Global Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2027-2032) & (kg)

Table 58. Global Conductive Polyetheretherketone Consumption Value by Reinforcement Material (2021-2026) & (USD Million)

Table 59. Global Conductive Polyetheretherketone Consumption Value by Reinforcement Material (2027-2032) & (USD Million)

Table 60. Global Conductive Polyetheretherketone Average Price by Reinforcement Material (2021-2026) & (US\$/Kg)

Table 61. Global Conductive Polyetheretherketone Average Price by Reinforcement Material (2027-2032) & (US\$/Kg)

Table 62. Global Conductive Polyetheretherketone Sales Quantity by Application (2021-2026) & (kg)

Table 63. Global Conductive Polyetheretherketone Sales Quantity by Application (2027-2032) & (kg)

Table 64. Global Conductive Polyetheretherketone Consumption Value by Application (2021-2026) & (USD Million)

Table 65. Global Conductive Polyetheretherketone Consumption Value by Application (2027-2032) & (USD Million)

Table 66. Global Conductive Polyetheretherketone Average Price by Application (2021-2026) & (US\$/Kg)

Table 67. Global Conductive Polyetheretherketone Average Price by Application (2027-2032) & (US\$/Kg)

Table 68. North America Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2021-2026) & (kg)

Table 69. North America Conductive Polyetheretherketone Sales Quantity by

Reinforcement Material (2027-2032) & (kg)

Table 70. North America Conductive Polyetheretherketone Sales Quantity by Application (2021-2026) & (kg)

Table 71. North America Conductive Polyetheretherketone Sales Quantity by Application (2027-2032) & (kg)

Table 72. North America Conductive Polyetheretherketone Sales Quantity by Country (2021-2026) & (kg)

Table 73. North America Conductive Polyetheretherketone Sales Quantity by Country (2027-2032) & (kg)

Table 74. North America Conductive Polyetheretherketone Consumption Value by Country (2021-2026) & (USD Million)

Table 75. North America Conductive Polyetheretherketone Consumption Value by Country (2027-2032) & (USD Million)

Table 76. Europe Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2021-2026) & (kg)

Table 77. Europe Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2027-2032) & (kg)

Table 78. Europe Conductive Polyetheretherketone Sales Quantity by Application (2021-2026) & (kg)

Table 79. Europe Conductive Polyetheretherketone Sales Quantity by Application (2027-2032) & (kg)

Table 80. Europe Conductive Polyetheretherketone Sales Quantity by Country (2021-2026) & (kg)

Table 81. Europe Conductive Polyetheretherketone Sales Quantity by Country (2027-2032) & (kg)

Table 82. Europe Conductive Polyetheretherketone Consumption Value by Country (2021-2026) & (USD Million)

Table 83. Europe Conductive Polyetheretherketone Consumption Value by Country (2027-2032) & (USD Million)

Table 84. Asia-Pacific Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2021-2026) & (kg)

Table 85. Asia-Pacific Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2027-2032) & (kg)

Table 86. Asia-Pacific Conductive Polyetheretherketone Sales Quantity by Application (2021-2026) & (kg)

Table 87. Asia-Pacific Conductive Polyetheretherketone Sales Quantity by Application (2027-2032) & (kg)

Table 88. Asia-Pacific Conductive Polyetheretherketone Sales Quantity by Region (2021-2026) & (kg)

Table 89. Asia-Pacific Conductive Polyetheretherketone Sales Quantity by Region (2027-2032) & (kg)

Table 90. Asia-Pacific Conductive Polyetheretherketone Consumption Value by Region (2021-2026) & (USD Million)

Table 91. Asia-Pacific Conductive Polyetheretherketone Consumption Value by Region (2027-2032) & (USD Million)

Table 92. South America Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2021-2026) & (kg)

Table 93. South America Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2027-2032) & (kg)

Table 94. South America Conductive Polyetheretherketone Sales Quantity by Application (2021-2026) & (kg)

Table 95. South America Conductive Polyetheretherketone Sales Quantity by Application (2027-2032) & (kg)

Table 96. South America Conductive Polyetheretherketone Sales Quantity by Country (2021-2026) & (kg)

Table 97. South America Conductive Polyetheretherketone Sales Quantity by Country (2027-2032) & (kg)

Table 98. South America Conductive Polyetheretherketone Consumption Value by Country (2021-2026) & (USD Million)

Table 99. South America Conductive Polyetheretherketone Consumption Value by Country (2027-2032) & (USD Million)

Table 100. Middle East & Africa Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2021-2026) & (kg)

Table 101. Middle East & Africa Conductive Polyetheretherketone Sales Quantity by Reinforcement Material (2027-2032) & (kg)

Table 102. Middle East & Africa Conductive Polyetheretherketone Sales Quantity by Application (2021-2026) & (kg)

Table 103. Middle East & Africa Conductive Polyetheretherketone Sales Quantity by Application (2027-2032) & (kg)

Table 104. Middle East & Africa Conductive Polyetheretherketone Sales Quantity by Country (2021-2026) & (kg)

Table 105. Middle East & Africa Conductive Polyetheretherketone Sales Quantity by Country (2027-2032) & (kg)

Table 106. Middle East & Africa Conductive Polyetheretherketone Consumption Value by Country (2021-2026) & (USD Million)

Table 107. Middle East & Africa Conductive Polyetheretherketone Consumption Value by Country (2027-2032) & (USD Million)

Table 108. Conductive Polyetheretherketone Raw Material

Table 109. Key Manufacturers of Conductive Polyetheretherketone Raw Materials

Table 110. Conductive Polyetheretherketone Typical Distributors

Table 111. Conductive Polyetheretherketone Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Conductive Polyetheretherketone Picture

Figure 2. Global Conductive Polyetheretherketone Revenue by Reinforcement Material, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Conductive Polyetheretherketone Revenue Market Share by Reinforcement Material in 2025

Figure 4. Glass Fiber Reinforced PEEK Examples

Figure 5. Carbon Fiber Reinforced PEEK Examples

Figure 6. Carbon Black Filled PEEK Examples

Figure 7. Others Examples

Figure 8. Global Conductive Polyetheretherketone Revenue by Processing Method, (USD Million), 2021 & 2025 & 2032

Figure 9. Global Conductive Polyetheretherketone Revenue Market Share by Processing Method in 2025

Figure 10. Injection Molding Grade PEEK Examples

Figure 11. Extrusion Grade PEEK Examples

Figure 12. Compression Grade PEEK Examples

Figure 13. Others Examples

Figure 14. Global Conductive Polyetheretherketone Revenue by Temperature Grade, (USD Million), 2021 & 2025 & 2032

Figure 15. Global Conductive Polyetheretherketone Revenue Market Share by Temperature Grade in 2025

Figure 16. High-Temperature PEEK (>200°C) Examples

Figure 17. Standard Temperature PEEK (100–200°C) Examples

Figure 18. Low Temperature Grade (

I would like to order

Product name: Global Conductive Polyetheretherketone Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GFA4FC24097AEN.html>

Price: US\$ 3,480.00 (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/GFA4FC24097AEN.html>