

# Global Polyimide High Performance Fiber Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Polyimide High Performance Fiber market size was valued at US\$ 447 million in 2025 and is forecast to a readjusted size of US\$ 625 million by 2032 with a CAGR of 4.9% during review period.

Polyimide high-performance fiber is a high-strength, high-heat-resistant, and highly chemically resistant fiber material synthesized from polyimide. It possesses excellent mechanical properties and stability. Upstream suppliers include monomers such as aromatic diamines and dianhydrides, as well as polyimide resin suppliers, and manufacturers of high-temperature spinning and heat treatment equipment. Downstream applications primarily target end-uses such as fire-fighting and metallurgical power protective clothing, high-temperature flue gas filter bags, aerospace composite materials, motor insulation, and high-temperature thermal insulation materials.

In 2025, the global polyimide high-performance fiber market price was US\$41,000/ton, with sales of approximately 10,600 tons and a global production capacity of 11,000 tons. The industry profit margin was 20-23%.

This report is a detailed and comprehensive analysis for global Polyimide High Performance Fiber market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 Polyimide High Performance Fiber market size and forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Polyimide High Performance Fiber market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Polyimide High Performance Fiber market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2021-2032

Global Polyimide High Performance Fiber market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 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 Polyimide High Performance Fiber
- 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 Polyimide High Performance Fiber 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 Evonik, Teijin, Jiangsu Shino New Materials, Jiangsu Aoshen Hi Material, Changchun Hipolyking, Ningbo Yide Fine Chemical, Sechin, Liluo, Swicofil, etc.

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

### **Market Segmentation**

Polyimide High Performance Fiber market is split by Type and by Application. For the

period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, 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 Type

Wet Spinning

Dry Spinning

#### Market segment by Chemical Monomer Structure

Homophenyl Polyimide Fiber

Biphenyl Polyimide Fiber

#### Market segment by Product Forms

Filament

Staple Fiber

#### Market segment by Application

Construction

Power and Utilities

Chemicals

Other

#### Major players covered

Evonik

Teijin

Jiangsu Shino New Materials

Jiangsu Aoshen Hi Material

Changchun Hipolyking

Ningbo Yide Fine Chemical

Sechin

Liluo

Swicofil

Market segment by region, regional analysis covers  
North America (United States, Canada, and Mexico)  
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)  
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)  
South America (Brazil, Argentina, Colombia, and Rest of South America)  
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Polyimide High Performance Fiber product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Polyimide High Performance Fiber, with price, sales quantity, revenue, and global market share of Polyimide High Performance Fiber from 2021 to 2026.

Chapter 3, the Polyimide High Performance Fiber competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Polyimide High Performance Fiber breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Polyimide High Performance Fiber market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Polyimide High Performance Fiber.

Chapter 14 and 15, to describe Polyimide High Performance Fiber sales channel, distributors, customers, research findings and conclusion.

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