

Global Polyacrylonitrile-based Carbon Fibers Laminates Market Growth 2026-2032

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Abstracts

The global Polyacrylonitrile-based Carbon Fibers Laminates market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Polyacrylonitrile-based Carbon Fibers Laminates refer to composite materials composed of layers of carbon fiber sheets made from polyacrylonitrile (PAN) precursor fibers.

United States market for Polyacrylonitrile-based Carbon Fibers Laminates is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Polyacrylonitrile-based Carbon Fibers Laminates is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Polyacrylonitrile-based Carbon Fibers Laminates is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Polyacrylonitrile-based Carbon Fibers Laminates players cover Toray Industries, Teijin, Mitsubishi Chemical Corporation, SGL Carbon SE, Nippon Graphite Fiber Corporation, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Polyacrylonitrile-based Carbon

"Fibers Laminates Industry Forecast" looks at past sales and reviews total world Polyacrylonitrile-based Carbon Fibers Laminates sales in 2025, providing a comprehensive analysis by region and market sector of projected Polyacrylonitrile-based Carbon Fibers Laminates sales for 2026 through 2032. With Polyacrylonitrile-based Carbon Fibers Laminates sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Polyacrylonitrile-based Carbon Fibers Laminates industry.

This Insight Report provides a comprehensive analysis of the global Polyacrylonitrile-based Carbon Fibers Laminates 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 Polyacrylonitrile-based Carbon Fibers Laminates portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Polyacrylonitrile-based Carbon Fibers Laminates market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Polyacrylonitrile-based Carbon Fibers Laminates 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 Polyacrylonitrile-based Carbon Fibers Laminates.

This report presents a comprehensive overview, market shares, and growth opportunities of Polyacrylonitrile-based Carbon Fibers Laminates market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Unidirectional Carbon Fiber Laminates

Bidirectional Carbon Fiber Laminates

Multidirectional Carbon Fiber Laminates

Segmentation by Application:

Aerospace

Automobile

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.

Toray Industries

Teijin

Mitsubishi Chemical Corporation

SGL Carbon SE

Nippon Graphite Fiber Corporation

Cytec Solvay Group

Hyosung Corporation

DowAksa (Turkey)

Weihai Tuozhan Fiber

Key Questions Addressed in this Report

What is the 10-year outlook for the global Polyacrylonitrile-based Carbon Fibers Laminates market?

What factors are driving Polyacrylonitrile-based Carbon Fibers Laminates market growth, globally and by region?

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

How do Polyacrylonitrile-based Carbon Fibers Laminates market opportunities vary by end market size?

How does Polyacrylonitrile-based Carbon Fibers Laminates break out by Type, by Application?

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