

Global Automotive Carbon Polymer Composites Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

Automotive carbon polymer composites refer to a type of composite material used in automobile manufacturing, usually consisting of carbon fiber and a polymer matrix. This material combines the high strength and lightweight properties of carbon fiber with the wear and corrosion resistance of polymers, making it widely used in automotive manufacturing. In automobile manufacturing, carbon-polymer composites are commonly used to manufacture body structures, body panels, interior trim parts, chassis components, and other components that require lightweight and high strength. Compared with traditional metal materials, carbon polymer composites have lighter weight, higher strength and stiffness, and better corrosion resistance, thereby reducing the overall weight of the vehicle, improving fuel efficiency, and improving the vehicle's durability. Performance and security. However, the manufacturing cost of carbon polymer composites is relatively high, so factors such as cost, performance and manufacturing process need to be considered in practical applications. With the development of technology and reduction of costs, the application of carbon polymer composite materials in automobile manufacturing is also increasing.

According to our (Global Info Research) latest study, the global Automotive Carbon Polymer Composites market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

This report is a detailed and comprehensive analysis for global Automotive Carbon Polymer Composites 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 2024, are provided.

Key Features:

Global Automotive Carbon Polymer Composites market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Automotive Carbon Polymer Composites market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Automotive Carbon Polymer Composites market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Automotive Carbon Polymer Composites market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2019-2024

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 Automotive Carbon Polymer Composites

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 Automotive Carbon Polymer Composites 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 Arkema, BASF, Hexcel, Toray Industries, Mitsubishi Chemical, Solvay, Koninklijke Ten Cate, TPI Composites, SGL Carbon, Cristex Composites Materials, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Market Segmentation

Automotive Carbon Polymer Composites market is split by Type and by Application. For the period 2019-2030, 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

Carbon Fiber Ceramic Composite

Carbon Fiber Metal Composite

Others

Market segment by Application

Passenger Vehicle

Commercial Vehicle

Major players covered

Arkema

BASF

Hexcel

Toray Industries

Mitsubishi Chemical

Solvay

Koninklijke Ten Cate

TPI Composites

SGL Carbon

Cristex Composites Materials

Toyo Tanso

Nippon Carbon

CFC Design

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 Automotive Carbon Polymer Composites product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Carbon Polymer Composites, with price, sales quantity, revenue, and global market share of Automotive Carbon Polymer Composites from 2019 to 2024.

Chapter 3, the Automotive Carbon Polymer Composites competitive situation, sales

quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive Carbon Polymer Composites breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

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 2019 to 2030.

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 2019 to 2024. and Automotive Carbon Polymer Composites market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

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 Automotive Carbon Polymer Composites.

Chapter 14 and 15, to describe Automotive Carbon Polymer Composites sales channel, distributors, customers, research findings and conclusion.

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