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Electric Vehicle (Car) Polymers Market based on By Type (Elastomers, Engineering Plastics), By Component (Exterior, Interior, Powertrain System), Regional Outlook– Global Forecast up to 2030

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Abstracts

This study anticipates revenue growth and examines trends in each submarket, classifying the worldwide electric vehicle (car) polymers market according to different categories and geographical areas. The study examines the main factors propelling growth, as well as the opportunities and obstacles impacting the global market for automotive polymers for electric vehicles. In order to depict the competitive landscape in the market, recent advancements in the industry as well as competitive tactics such product launches, partnerships, mergers, and acquisitions have been taken into account. In every sub-segment of the global market for automobile polymers, the study strategically identifies, profiles, and evaluates the core capabilities of the major market competitors.

The report provides an appropriate analysis of the major players in the global electric vehicle (car) polymer market, as well as a comparative assessment based on the companies' product offerings, business summaries, geographic reach, enterprise strategies, market share in specific segments, and SWOT analyses. A detailed analysis of the firms' recent events and developments—including product development, inventions, partnerships, joint ventures, mergers and acquisitions, strategic alliances, and other activities—is also included in the report. This makes it possible to assess the level of total market competition.

Research Methodology:

After secondary research provided a fundamental understanding of the worldwide

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Electric Vehicle (Car) Polymers Market scenario, extensive primary research was carried out. A number of primary interviews were carried out with industry experts from the supply and demand sides, including C- and D-level executives, product managers, and marketing and sales managers of major manufacturers, distributors, and channel partners from tier 1 and tier 2 companies offering Electric Vehicle (Car) Polymers Market, as well as personnel from academia, research, and CROs. These interviews were conducted across five major regions: North America, Europe, Asia Pacific, and the Rest of the World (Latin America & the Middle East & Africa). Participants from the supply-side and demand-side participated in about 70% and 30% of the primary interviews, respectively. Through the use of questionnaires, emails, online surveys, in-person interviews, and phone interviews, this main data was gathered. The primary participants share is given below:

The segmentation coverage of the study is provided below.

Electric Vehicle (Car) Polymers Market based on Type:

Elastomers

Engineering Plastics

Electric Vehicle (Car) Polymers Market based on Component:

Exterior

Interior

Powertrain System

Electric Vehicle (Car) Polymers Market based on Geography:

North America

US

Canada

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Europe

Germany

UK

France

Italy

Spain

Rest of Europe (RoE)

Asia Pacific (APAC)

China

Japan

India

Australia

South Korea

Rest of Asia Pacific (RoAPAC)

Latin America (LATAM)

Brazil

Argentina

Rest of South America

Middle East and Africa (MEA)

UAE

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Turkey

Saudi Arabia

South Africa

Rest of Middle East & Africa

The global market for polymers used in electric vehicles (cars) is divided into two categories: engineering plastics and elastomers. In the worldwide electric vehicle (car) polymers market over the forecast period, the elastomers sector is anticipated to develop at the fastest rate among them. Elastomers' special qualities and adaptability make them valuable in the electric vehicle (EV) polymer industry. Because of their exceptional toughness and flexibility, elastomers are a kind of polymer that is perfect for many uses in electric vehicles. The market is also being driven by the growing usage of polymers in electric vehicle components such tires, gaskets, seals, and suspension systems. Furthermore, elastomers offer superior sealing qualities, guaranteeing efficient insulating and safeguarding for crucial electric vehicle components. Another reason propelling growth is the development of electric vehicles, of which elastomers are a crucial component.

The exterior, interior, and powertrain system segments of the worldwide electric vehicle (car) polymers market are based on component. Among these, the global market for electric vehicle (car) polymers is anticipated to grow at the fastest rate over the projected period in the interior category. The public's increased awareness of environmental issues and sustainability has led to an increase in the popularity of interior components. There has been a discernible shift away from conventional internal combustion engine cars toward electric vehicles as a more ecologically friendly option as governments and consumers grow more worried about climate change and carbon emissions. Environmentally friendly, robust, and lightweight interior components must be developed in order to make this shift.

Over the anticipated years, Asia-Pacific is expected to hold the highest share of the global market for automotive polymers used in electric vehicles. In order to increase EV efficiency and range, there is an increasing need in Asia Pacific for lightweight, high-performance materials like polymers. In addition, the growing consciousness among consumers regarding environmental sustainability and the aspiration to curtail carbon

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emissions is a factor in the surge in the market demand for electric vehicles, hence stimulating the demand for polymers utilized in their production.

The report provides an appropriate analysis of the major players in the global electric vehicle (car) polymer market, as well as a comparative assessment based on the companies' product offerings, business summaries, geographic reach, enterprise strategies, market share in specific segments, and SWOT analyses. A detailed analysis of the firms' recent events and developments—including product development, inventions, partnerships, joint ventures, mergers and acquisitions, strategic alliances, and other activities—is also included in the report. This makes it possible to assess the level of total market competition.

The leading players in the electric vehicle polymers market are BASF (Germany), DowDuPont (US), Covestro (Germany), Celanese (US), SABIC (Saudi Arabia), Solvay (Belgium), LANXESS (Germany), LG Chem (South Korea), Asahi Kasei (Japan), and Evonik Industries (Germany). Most of these leading players operate globally and have a widespread distribution network. These players have strong R&D and focus on producing high-performance polymers to meet the demands of end users. They offer customized products as per the needs of customers. Most of the players have developed partnerships with the electric vehicle producers to gain higher market shares.

This report illustrates the most vital attributes of the Electric Vehicle (Car) Polymers Market, which are driving and providing opportunities.

This research gives an in-depth analysis of the Electric Vehicle (Car) Polymers Market growth on the basis of several segments in the market.

This report presents the predictions of the past and present trends of the Electric Vehicle (Car) Polymers Market.

This study also presents the competitive analysis, such as key strategies and capabilities of major players of the Electric Vehicle (Car) Polymers Market.

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