

Electric Vehicle Adhesives Market Report and Forecast 2025-2034

Market Report | 2025-06-29 | 176 pages | EMR Inc.

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Report description:

The global electric vehicle adhesives market size reached approximately USD 1.94 Billion in 2024. The market is further projected to grow at a CAGR of 21.90% between 2025 and 2034, reaching a value of USD 14.06 Billion by 2034.

Key Trends in the Market

Electric vehicle adhesives refer to materials used for sealing and bonding the lid of the battery pack to the body. They offer various advantages as opposed to other alternatives including environmental resistance, joining mis-matched materials, and distributing stress, among others. They also offer ease of application and have the ability to bond low surface energy plastics to composites.

- The rising adoption of electric vehicles owing to increasing fuel prices is boosting the electric vehicle adhesives market growth. Battery electric vehicles and plug-in hybrid electric vehicles offer economic efficiency to the customers as their operational costs are significantly lower as opposed to vehicles that run on traditional fuels.
- Increasing initiatives by various governments towards bolstering the adoption of electric vehicles due to rising environmental concerns is providing lucrative growth opportunities to the market. Governments are also heavily investing towards the installation of EV charging stations, enhancing comfort, and encouraging individuals to adopt electric vehicles.
- The adoption of aggressive marketing and promotional strategies by various companies around the globe to increase the purchase of electronic vehicles is further supporting the market expansion.

Global Electric Vehicle Adhesives Market Analysis

The EMR's report titled "Electric Vehicle Adhesives Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

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Market Breakup by Resin Type

- Epoxy
- Acrylic
- Silicone
- Polyurethane
- Others

Market Breakup by Form

- Film and Tape
- Liquid
- Others

Market Breakup by Vehicle Type

- Battery Electric Vehicles
- Plug-in Hybrid Electric Vehicles

Market Breakup by Application

- Pack and Module Bonding
- Battery Cell Encapsulation
- Thermal Interface Bonding
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Market Share by Application

Pack and module bonding is anticipated to account for a significant electric vehicle adhesives market share. This growth can be attributed to the increasing utilisation of adhesives in the production of electric powertrains due to their ability to offer various benefits including bonding of uncoated metal, lightweight, and bonding of multiple substrates.

Meanwhile, the utilisation of adhesives for thermal interface bonding offers thermal connection and mechanical rigidity along with design flexibility due to the elimination of fasteners.

Market Share by Region

The Asia Pacific accounts for a significant share of market owing to the rising adoption of electronic vehicles by countries such as

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India and China due to rising environmental concerns. The increasing efforts of various governments in the Asia Pacific to promote the utilisation and production of electric vehicles is boosting the electric vehicle adhesives market demand. The growing efforts of various manufacturers towards increasing the affordability of electric vehicles is further supporting the market expansion in the Asia Pacific.

Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the following key players in the market, covering their competitive landscape and latest developments like mergers, acquisitions, investments, and expansion plans.

Henkel AG & Co. KGaA

Henkel AG & Co. KGaA, headquartered in Dusseldorf, Germany, is a chemical manufacturing company that specialises in consumer products and adhesive technologies. Their product portfolio also includes laundry detergents and hair care products.

PPG Industries, Inc.

PPG Industries, Inc., headquartered in Pennsylvania, United States, is one of the leading paint and coating manufacturing companies that was founded in 1883. The company specialises in electric vehicle adhesives, sealants and coatings, and marine coatings, among others.

3M Company

3M Company is an industrial manufacturing company that was founded in 1902 and is headquartered in Minnesota, United States. The company is dedicated towards providing its customers with durable products including electric vehicle adhesives, warning labels and stickers, and mosquito repellents, among others.

Other electric vehicle adhesives market key players include Arkema S.A., Parker-Hannifin Corp., Sika AG, Wacker Chemie AG, Ashland Global Holdings Inc., Permabond LLC, H.B. Fuller Company, and Jowat SE, among others.

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