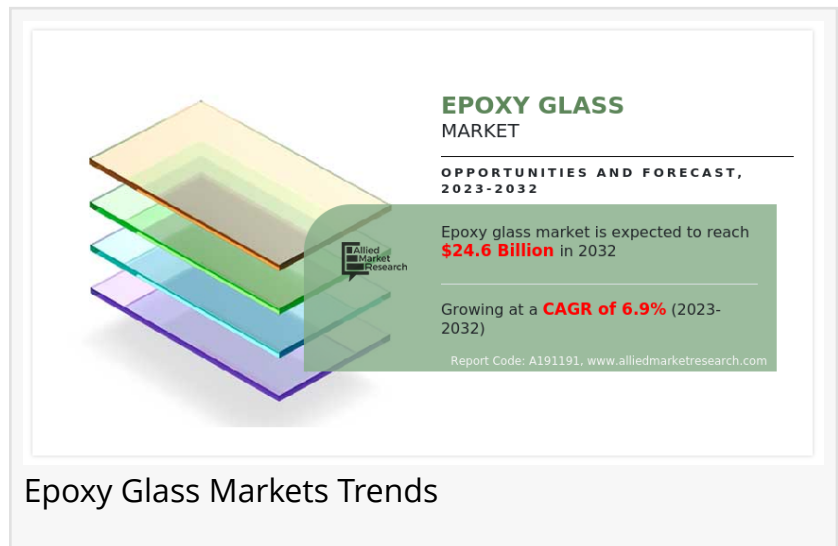


[2024] Epoxy Glass Market Trends in Industrial Applications, Growth Opportunities, 2032

The global epoxy glass market is projected to reach \$24.6 billion by 2032, growing at a CAGR of 6.9% from 2023 to 2032.

WILMINGTON, DE, UNITED STATES,
December 19, 2024 /

EINPresswire.com/ -- The [epoxy glass market](#) was valued at \$12.7 billion in 2022 and is estimated to reach \$24.6 billion by 2032, exhibiting a CAGR of 6.9% from 2023 to 2032.



Allied Market Research published a report, titled, "Epoxy Glass Market by End Use Industry (Aerospace and Defense, Automotive and Transportation, Electrical and Electronics, Wind Energy, Sporting Goods, Marine, Pipe and Tank, Others) Global Opportunity Analysis and Industry Forecast, 2023-2032". Epoxy glass, also known as fiberglass reinforced epoxy or FR4, is a transparent, hard and brittle substance that is derived from the polymerization of epoxides. It is ideal for high temperature, electrical and mechanical applications.

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Prime determinants of growth

The expansion of the electronics industry, driven by advancements in technology, increased demand for consumer electronics, communication devices, automotive electronics, and other electronic components, has a direct impact on the epoxy glass market. Epoxy glass is a fundamental material in PCB manufacturing, and as the electronics industry grows, so does the demand for epoxy glass laminates. However, the cost of epoxy resin and glass fabric, which are the primary materials used in epoxy glass laminates, can be subject to fluctuations due to factors such as supply chain disruptions, raw material shortages, and changes in demand. This may lead to price volatility and impact the profitability of manufacturers and the purchasing decisions of customers. On the contrary, the expansion of the electronics industry, driven by advancements in technology and the proliferation of smart devices, provides a significant

opportunity for epoxy glass laminates. As electronic devices become more complex and integrated, the demand for reliable and high-performance PCB materials like epoxy glass laminates increases.

Leading Market Players: -

VENTEC INTERNATIONAL GROUP

HEXCEL CORPORATION

ISOSPORT VERBUNDBAUTEILE GMBH

PARK AEROSPACE CORP.

PANASONIC HOLDINGS CORPORATION

B.B. CHATTERJEE COMPANY PRIVATE LIMITED

INDUSTRIAL ELECTRICAL ENGINEERING COMPANY

AXIOM MATERIALS, INC.

HARNAWA INC.

SHIBAAM POLYMERS

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The report provides a detailed analysis of these key players in the global epoxy glass market. These players have adopted different strategies such as new product launches, collaborations, expansion, joint ventures, agreements, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

The automotive and transportation segment to maintain its leadership status throughout the forecast period

Based on end use industry, automotive and transportation held the highest epoxy glass market share in terms of revenue in 2022, accounting for nearly one-fourth of the global market and is projected to maintain its dominant share in terms of revenue in 2032. It is also projected to grow at the highest CAGR of 7.6% from 2023 to 2032. The automotive and transportation sector is undergoing a profound transformation, driven by the imperative for greater efficiency, sustainability, and technological innovation. Within this context, epoxy glass composites have emerged as a pivotal trend, presenting a wide array of opportunities that are reshaping the industry.

Want to Access the Statistical Data and Graphs, Key Players' Strategies:

<https://www.alliedmarketresearch.com/epoxy-glass-market/purchase-options>

Asia-Pacific to maintain its dominance by 2032

Based on region, Asia-Pacific held the highest market share in terms of revenue in 2022, accounting for nearly two-fifths of the global epoxy glass market and is projected to maintain its

dominant share in terms of revenue in 2032. It is also projected to grow at the highest CAGR of 7.2% from 2023 to 2032. As countries in the region continue to invest heavily in building new structures and upgrading existing ones, the demand for durable and high-strength materials such as epoxy glass has soared. Epoxy glass's exceptional mechanical properties, including high tensile strength and resistance to corrosion, make it an ideal choice for applications in bridges, buildings, and other critical infrastructure projects.

For More Details: <https://www.globenewswire.com/news-release/2023/09/07/2739128/0/en/Epoxy-Glass-Market-Size-Worth-24-6-Billion-by-2032-CAGR-6-9-AMR.html>

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