

Composite Resin Market Comprehensive Research Study, Business Overview and Regional Forecast to 2032

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WILMINGTON, DE, UNITED STATES, July 29, 2025 /EINPresswire.com/ -- The global [composite resin market](#) is experiencing significant growth, driven primarily by rising demand from the aerospace and automotive industries. These sectors rely heavily on composite resins due to their high strength-to-weight ratio, durability, and resistance to heat and corrosion making them ideal for structural and lightweight components.



Composite Resin Market, by Resin Type

According to a report published by Allied Market Research, titled “Composite Resin Market By Resin Type, Manufacturing Process, Application, and Region: Global Opportunity Analysis and Industry Forecast, 2023–2032”, the market was valued at \$25.4 billion in 2022 and is projected to reach \$49.4 billion by 2032, growing at a CAGR of 7.0% during the forecast period.

For more information, contact Allied Market Research at:

<https://www.alliedmarketresearch.com/request-sample/A53714>

Key Market Highlights:-

Market Drivers:

- Growing demand in aerospace and automotive sectors
- Advancements in transportation technologies
- Increased application of thermoplastic resins

Opportunities:

- Expansion of composite resin use in the medical sector
- Sustainability trend fueling demand for recyclable thermoplastics

Challenges:

- High manufacturing costs
- Recycling and end-of-life management complexities

Segmental Insights:-

By Resin Type:

Thermoplastic Resin held the largest share in 2022 and is expected to maintain dominance with the highest CAGR of 7.1%. Their popularity stems from:

- Superior mechanical properties
- Recyclability
- Ease of processing

Suitability in lightweight automotive and aerospace applications

By Manufacturing Process:-

Injection Molding led the market in 2022, contributing over one-fourth of global revenue. Its advantages include:

- High production efficiency
- Ability to produce complex shapes
- Cost-effectiveness

Compression Molding, however, is projected to grow at the fastest CAGR of 7.5%.

By Application:-

The automotive & transportation segment held the largest market share in 2022, driven by the industry's push for:

- Weight reduction
- Enhanced fuel efficiency
- Improved vehicle performance

Meanwhile, the aerospace & defense segment is expected to register the highest CAGR of 7.6% through 2032.

Regional Outlook: Asia-Pacific Leads the Way:

Asia-Pacific dominated the market in 2022, accounting for over two-fifths of global revenue, and is projected to exhibit the highest regional CAGR of 7.2%. Key regional players include:

- Toray Industries Inc.
- Mitsubishi Chemical Corporation
- Teijin Limited
- Owens Corning

These companies support a thriving ecosystem across sectors like construction, wind energy, and marine.

Top Players in the Composite Resin Market:

- Huntsman International LLC
- Hexion Inc.
- Scott Bader Company Ltd.
- DSM
- Allnex GmbH
- Evonik Industries AG
- SABIC
- Celanese Corporation
- Dow
- Sumitomo Bakelite Co., Ltd.

These companies drive innovation through new product launches, strategic collaborations, and global expansions to gain a competitive edge.

For more information on the Composite Resin Market, visit our website:

<https://www.alliedmarketresearch.com/composite-resin-market/purchase-options>

About Us

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David Correa
Allied Market Research
+ 1 800-792-5285

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