

Composite Resin Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> ****Industry:**** Advanced Materials & Composites (Chemicals & Materials)
> ****Source:**** <https://www.mordorintelligence.com/industry-reports/composite-resin-market>
> ****Scraped Date:**** 2026-09-17

Executive Market Summary

Market Metric	Details
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Base Market Size	USD 28.39 billion
Projected Forecast (2031)	USD 28.39 billion
Growth Rate (CAGR)	6.45 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

![Major players in Composite Resin industry](images/chart_2.png)

![Composite Resin Market Size](images/chart_3.png)

![Composite Resin Market Share by Resin Type, 2025](images/chart_4.png)

![Composite Resin Market Share by Application, 2025](images/chart_5.png)

![Composite Resin Market Growth Rate by Region](images/chart_6.png)

![Composite Resin Market Concentration](images/chart_7.png)

![Icon](images/chart_8.png)

![footer background image](images/chart_10.png)

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![ESOMAR](images/chart_17.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market Overview

Study Period | 2021 - 2031 |
Market Size (2026) | USD 28.39 Billion |
Market Size (2031) | USD 38.81 Billion |
Growth Rate (2026 - 2031) | 6.45 % |
Fastest Growing Market | Asia-Pacific |
Largest Market | Asia-Pacific |
Market Concentration | Medium |
Major Players*Disclaimer: Major Players sorted in no particular order

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Market Overview

Composite Resin Market Analysis by Mordor Intelligence
The Composite Resin Market size was valued at USD 26.67 billion in 2025 and is estimated to grow from USD 28.39 billion in 2026 to reach USD 38.81 billion by 2031, at a CAGR of 6.45% during the forecast period (2026-2031). Demand is supported by vehicle electrification, wind-energy construction, and replacement of steel with corrosion-resistant fiber-reinforced materials. These needs span transportation, energy, civil construction, and industrial piping, which give suppliers several routes to demand. The composite resin market also depends on suppliers meeting demanding technical specifications and long customer qualification cycles. These favor established producers with broad formulation portfolios and technical support capabilities. At the same time, recyclable and bio-based chemistries are becoming more important as customers address end-of-life requirements.

Key Report Takeaways

- * By resin type, thermoset resin held 64.23% of the composite resin market share in 2025, while thermoplastic resin is projected to advance at a 7.23% CAGR through 2031.
- * By manufacturing process, layup held 34.54% of the composite resin market share in 2025, while resin transfer molding is projected to advance at a 7.45% CAGR through 2031.
- * By application, automotive and transportation held 31.67% of the composite resin market share in 2025, while wind energy is projected to advance at a 7.68% CAGR through 2031.
- * By geography, Asia-Pacific held 42.79% of the composite resin market share in 2025 and is projected to advance at a 7.37% CAGR through 2031.

Key Market Trends

Global Composite Resin Market Trends and Insights Drivers Impact Analysis*

Driver	(~) % Impact on CAGR Forecast	Geographic Relevance	Impact Timeline
Lightweighting and Fuel-Efficiency Requirements	+1.5%	Global, concentrated in North America, Europe, and APAC automotive corridors	Short term (≤ 2 years)
Wind-Energy Capacity Expansion	+1.2%	APAC (China, India), North America, Europe (offshore)	Medium term (2-4 years)
Electrification of Automotive and Transportation Platforms	+1.0%	North America, China, and Europe under EU Green Deal vehicle mandates	Medium term (2-4 years)
Infrastructure Demand for Corrosion-Resistant Materials	+0.8%	APAC, Middle East and Africa, South America	Long term (≥ 4 years)
Automated High-Throughput Composite Processing	+0.5%	North America, Europe, Japan, South Korea	Medium term (2-4 years)

Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

The composite resin market is moderately concentrated, with the top five players including Huntsman International LLC, Hexion Inc., BASF, Dow, and Polynt S.p.A. BASF, Dow, Huntsman International LLC, and Evonik Industries AG compete through formulation breadth, technical service, and raw-material integration. Polynt S.

p.A., KUKDO CHEMICAL CO., LTD., and Scott Bader Company Limited compete through application knowledge and regional supply proximity. Sustainability and application specialization are shaping supplier positioning. Suppliers that can meet automotive, aerospace, wind, and industrial qualifications have an advantage because customer approval processes are lengthy. The composite resin market also rewards producers that can support customer process development and production consistency.

Huntsman International LLC published European patent EP4547728A4 in July 2026 for curable epoxy resin compositions with high glass-transition temperatures for aerospace and automotive structural bonding. The development supports its position in premium thermoset systems with demanding thermal requirements. Toray Performance Materials Corporation introduced Stratex 2300r in June 2026, a carbon-fiber composite using post-consumer recycled polyethylene terephthalate. The company stated that the product maintained 1:1 mechanical performance parity with virgin-polyethylene-terephthalate unidirectional composites. These moves show why recycled-content credentials are becoming part of customer qualification criteria. They also show the importance of intellectual property in applications that require long requalification cycles.

Growth opportunities include bio-based thermosets for wind and marine uses, recyclable thermoplastic systems for structural infusion, and low-emission alternatives to styrene. Vitrimers are being developed as thermoset systems that can be reprocessed while maintaining cross-linked performance. These materials are not yet commercially scaled, but wind original equipment manufacturers and automotive Tier 1 suppliers are showing qualification interest. Digital manufacturing is a secondary differentiator for formulators that help customers improve resin transfer molding control and cure management. Portfolio ownership also changed when INEOS divested its composites business to KPS Capital Partners in October 2024. The transaction covered unsaturated polyester resin, vinyl ester resin, and gel coat operations across 17 production sites, with annual revenue exceeding USD 840 million, and had a value of USD 1.78 billion.

Composite Resin Industry Leaders* Huntsman International LLC

* Hexion Inc.

* BASF

* Dow

* Polynt S.p.A.

* *Disclaimer: Major Players sorted in no particular order

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Component Component 3 Scope Of The Report Bottom

Global Composite Resin Market Report ScopeComposite resins are polymer matrices used to bind and support reinforcing fibers in composite materials, providing structural integrity and transferring loads between reinforcement elements. They enable the production of lightweight, durable, and application-specific composite components with tailored mechanical, thermal, and chemical properties.

The Composite Resin Market is segmented by resin type, manufacturing process, application, and geography. By resin type, the market is segmented into thermoset resin and thermoplastic resin. By manufacturing process, the market is segmented into layup, filament winding, injection molding, pultrusion, compression molding, resin transfer molding, and other manufacturing processes. By application, the market is segmented into automotive and transportation, construction and infrastructure, electrical and electronics, pipes and tanks, wind energy, marine, aerospace and defense, and other applications. The report also covers the market si

ze and forecasts for composite resins in 15 countries across major regions. For each segment, the market sizing and forecasts have been done on the basis of value (USD).

By Resin TypeThermoset Resin |
Thermoplastic Resin |

Segmentation Accordion Item

By GeographyAsia-Pacific | China |
| India |
| Japan |
| South Korea |
| ASEAN Countries |
| Rest of Asia-Pacific |
North America | United States |
| Canada |
| Mexico |
Europe | Germany |
| United Kingdom |
| France |
| Italy |
| NORDIC Countries |
| Rest of Europe |
South America | Brazil |
| Argentina |
| Rest of South America |
Middle East and Africa | Saudi Arabia |
| South Africa |
| Rest of Middle East and Africa |

Frequently Asked Questions

What is the size of the composite resin market?

The composite resin market stands at USD 28.39 billion in 2026 and is projected to reach USD 38.81 billion by 2031.

Which resin type led the market demand in 2025?

Thermoset resin led with 64.23% share in 2025, supported by its established use in wind, aerospace, and industrial piping applications.

Which application is projected to grow fastest through 2031?

Wind energy is projected to advance at a 7.68% CAGR through 2031, supported by expanding wind capacity and larger turbine blades.

Why are electric vehicles important for resin suppliers?

Battery enclosures, power-electronics housings, and structural components require materials with thermal stability, dielectric performance, and flame resistance.