

# Lightweight Materials Market Size is Anticipated to Increase During the Study Period to 2030

*The global lightweight materials market is witnessing steady growth, driven by rising adoption in the automotive, aerospace, wind energy, and marine sectors.*

DE, UNITED STATES, August 20, 2025 /EINPresswire.com/ -- The global [lightweight materials market](#) is witnessing steady growth, driven by rising adoption in the automotive, aerospace, wind energy, and marine sectors. Increasing presence of OEMs and aftermarket players, coupled with technological advancements, new product innovations, and higher disposable incomes, is fueling demand.



Lightweight Materials Market, by Type

## Market Outlook:

According to Allied Market Research, the Lightweight Materials Market by Type (Metal Alloys, Composites, Polymers), by Application (Automotive, Aerospace, Wind, Marine, Others): Global Opportunity Analysis and Industry Forecast, 2020–2030 report, the industry was valued at \$168.1 billion in 2020 and is projected to reach \$261.6 billion by 2030, growing at a CAGR of 4.5% (2021–2030).

For more information, contact Allied Market Research at [sales@alliedmarketresearch.com](mailto:sales@alliedmarketresearch.com):

<https://www.alliedmarketresearch.com/request-sample/1721>

## Key Growth Drivers:

- Expansion of the automotive sector with strong OEM and aftermarket networks.
- Continuous technological advancements and new material developments.
- Rising middle-class income and consumer spending globally.

- Growing popularity of electric vehicles (EVs) and sustainable practices.

Challenge: High carbon fiber costs and volatile raw material prices limit large-scale adoption in certain industries.

Segment Insights:-

By Type:

- Metal Alloys held the dominant share in 2020 (over 60%) and will continue leading by 2030, driven by strong demand across multiple industries.
- Composites are expected to grow at the fastest CAGR of 5.4%, fueled by rising use in automotive, transportation, and construction applications.

By Application:

- Automotive accounted for nearly 80% of revenue in 2020 and will remain the top segment, supported by rising vehicle demand and consumer income levels.
- Aerospace is projected to record the highest CAGR of 4.7%, as lightweight materials play a vital role in enhancing avionics, fuel efficiency, and fighter jet upgrades.

Regional Analysis:

- Asia-Pacific dominated the global market in 2020, contributing over 60% of revenue, and is forecasted to grow at the fastest CAGR of 5.2% during the forecast period.
- Growth is driven by robust demand from the automotive, aircraft, wind turbine, and marine industries in emerging economies.

Leading Players:

- Alcoa Corporation
- Saudi Basic Industries Corporation (SABIC)
- PPG Industries, Inc.
- Novelis Inc.
- Solvay
- ExxonMobil Corporation
- Toray Industries, Inc.
- DuPont
- ArcelorMittal
- Bayer AG

For more information, visit <https://www.alliedmarketresearch.com/lightweight-material-market/purchase-options>

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David Correa

Allied Market Research

+1 800-792-5285

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