

Recycled Composites Market Size, Share & Trends Analysis Report By End Use (Automotive & Transportation, Aerospace, Construction & Infrastructure, Industrial End Uses), By Fiber Type (rCF, rGF), By Region, And Segment Forecasts, 2025 - 2033

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Abstracts

Summary

The global recycled composites market size was estimated at USD 920.6 million in 2024 and is expected to reach USD 1664.3 million by 2033, expanding at a CAGR of 6.8% from 2025 to 2033, driven by the rising emphasis on sustainability across industrial sectors. Governments and regulatory bodies are increasingly implementing strict guidelines to minimize waste generation and reduce carbon footprints.

As a result, manufacturers are shifting toward recycled composite materials to meet environmental compliance standards. This transition is further supported by corporate sustainability initiatives and circular-economy strategies adopted by major industry players. Together, these factors create a strong policy- and value-driven foundation for market expansion. Growing demand from end-use industries such as automotive, aerospace, construction, and consumer goods also contributes significantly to market growth. Lightweight, durable, and energy-efficient materials are essential for improving performance and reducing fuel consumption, especially in transportation. Recycled composites offer these advantages at a lower cost than virgin materials, making them an attractive alternative. Their increasing use in non-structural and semi-structural End Uses reflects the market's widening acceptance. As industries prioritize efficiency and cost reduction, the demand for recycled composites continues to accelerate.

Technological advancements in recycling processes are further propelling the market forward. Innovations in mechanical and chemical recycling enable higher material recovery rates and improved quality of recycled fibers and resins. Enhanced processing techniques have made it possible to produce composites with performance characteristics comparable to virgin materials. These improvements reduce technical barriers and broaden end-use possibilities. Consequently, technology-driven enhancements strengthen the overall value proposition of recycled composite products.

Global Recycled Composites Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the global recycled composites market report based on end use, fiber type and region.

End Use Outlook (Revenue, USD Million, 2021 - 2033)

Automotive & Transportation

Aerospace

Construction & Infrastructure

Industrial End Uses

Others

Fiber Type Outlook (Revenue, USD Million, 2021 - 2033)

Recycled Carbon Fiber (rCF)

Recycled Glass Fiber (rGF)

Other Recycled Fibers

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Asia Pacific

China

Japan

India

Central & South America

Middle East & Africaa

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