

Marine Composites Market Report by Composite Type (Metal Matrix Composite (MMC), Ceramic Matrix Composite (CMC), Polymer Matrix Composite (PMC)), Fiber Type (Glass Fiber, Carbon Fiber, Aramid Fiber, Natural Fiber, and Others), Resin Type (Polyester, Vinyl Ester, Epoxy, Thermoplastic, Phenolic, Acrylic, and Others), Vessel Type (Power Boats, Sailboats, Cruise Ships, and Others), and Region 2025-2033

Market Report | 2025-02-10 | 145 pages | IMARC Group

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Report description:

The global marine composites market size reached USD 5.2 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 7.0 Billion by 2033, exhibiting a growth rate (CAGR) of 3.23% during 2025-2033. The market is experiencing significant growth, driven by rapid advancements in lightweight materials in marine applications, increasing demand for fuel-efficient vessels, rising innovations in composite manufacturing technologies, burgeoning product applications in offshore wind energy projects, and the growing focus on sustainability.

Marine composites refer to a mixture of fibers and resin materials that are used to shape and reinforce marine components. Ferrocement, glass-reinforced plastic, wood fibers, carbon composites and aramid fiber are some of the most commonly used marine components. They are usually manufactured using polyester, vinyl ester, epoxy, thermoplastic, acrylic and phenolic resins. They are also used for manufacturing gratings, ducts, shafts, piping and hull shells. These composite-based parts are used for assembling powerboats, sailboats and cruise ships as they offer advantageous properties, such as high mechanical strength, fuel efficiency, reduction in the overall weight, corrosion resistance, and customizability.

One of the key factors creating a positive outlook for the market is the significant growth in the maritime industry across the globe. Furthermore, the growing demand for high speed, power and luxury boats and yachts is also providing a boost to the market growth. Marine composites are extensively used for manufacturing recreational boats that have a high strength-to-weight

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ratio, fuel-efficiency, improved noise damping features and lower magnetic signature. In line with this, increasing marine transportation activities and cargo movement across borders is contributing to the market growth. Composites, such as fiber-reinforced composites, are being increasingly used as they can withstand extreme pressures from winds, waves and tides and maintain their physical properties when submerged in saltwater. Additionally, various product innovations, such as the development of marine composites using renewable materials and vacuum infusion, are acting as another growth-inducing factor. These composites provide additional stiffness, vibration damping, water repellency and impact and abrasion resistance.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global marine composites market report, along with forecasts at the global, regional and country level from 2025-2033. Our report has categorized the market based on composite type, fiber type, resin type and vessel type.

Breakup by Composite Type:

- Metal Matrix Composite (MMC)
- Ceramic Matrix Composite (CMC)
- Polymer Matrix Composite (PMC)

Breakup by Fiber Type:

- Glass Fiber
- Carbon Fiber
- Aramid Fiber
- Natural Fiber
- Others

Breakup by Resin Type:

- Polyester
- Vinyl Ester
- Epoxy
- Thermoplastic
- Phenolic
- Acrylic
- Others

Breakup by Vessel Type:

- Power Boats
- Sailboats
- Cruise Ships
- Others

Breakup by Region:

- North America
- United States

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- Canada
- Asia Pacific
- China
- Japan
- India
- South Korea
- Australia
- Indonesia
- Others
- Europe
- Germany
- France
- United Kingdom
- Italy
- Spain
- Russia
- Others
- Latin America
- Brazil
- Mexico
- Others
- Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being 3A Composites GmbH (Schweiter Technologies), E. I. Du Pont De Nemours and Company, GMS Composites, Gurit AG, Hexcel Corporation, Hyosung Marine Co. Ltd., Owens Corning, Solvay SA, SGL Carbon SE, Teijin Limited, Zoltek Corporation (Toray Industries), etc.

Key Questions Answered in This Report:

- How has the global marine composites market performed so far, and how will it perform in the coming years?
- What are the drivers, restraints, and opportunities in the global marine composites market?
- What is the impact of each driver, restraint, and opportunity on the global marine composites market?
- What are the key regional markets?
- Which countries represent the most attractive marine composites market?
- What is the breakup of the market based on the composite type?
- Which is the most attractive composite type in the marine composites market?
- What is the breakup of the market based on the fiber type?
- Which is the most attractive fiber type in the marine composites market?
- What is the breakup of the market based on the resin type?
- Which is the most attractive resin type in the marine composites market?
- What is the breakup of the market based on the vessel type?
- Which is the most attractive vessel type in the marine composites market?
- What is the competitive structure of the market?
- Who are the key players/companies in the global marine composites market?

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