

Europe Composites Market Report and Forecast 2023-2028

Market Report | 2023-03-31 | 137 pages | EMR Inc.

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Report description:

Europe Composites Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the Europe composites market attained a value of USD 19.26 billion in 2022. Aided by the increasing demand for lightweight materials in various industries, the market is projected to further grow at a CAGR of 4.8% between 2023 and 2028 to reach a value of USD 25.66 billion by 2028.

Composites are materials made by combining two or more distinct constituents to achieve specific properties that are superior to those of the individual components. They typically consist of a reinforcing material, such as fibres or particles, embedded in a matrix material like polymers, metals, or ceramics. Due to its high strength-to-weight ratio, corrosion resistance, and design flexibility, composites are widely employed in various industries, including construction, aerospace, marine, automotive, and renewable energy, thus aiding the Europe composites market development.

The increasing demand for lightweight materials in various industries is a key factor driving the Europe composites market growth. In the automotive and aerospace sectors, lightweight materials are essential for improving fuel efficiency and reducing carbon emissions. Composites offer an ideal solution for achieving weight reduction while maintaining high strength and durability, making them an increasingly popular choice for these industries.

Another factor propelling the Europe composites market expansion is the rising focus on renewable energy sources. Composites play a crucial role in the manufacturing of wind turbine blades due to their high strength, lightweight, and corrosion-resistant properties. As European countries continue to invest in wind energy projects to meet their renewable energy targets, the demand for composites in this sector is expected to grow substantially.

The construction industry is also contributing to the growth of the Europe composites market. Composites offer several advantages in construction applications, such as resistance to corrosion, improved durability, and reduced maintenance costs. These benefits have led to the increased adoption of composites in the construction of infrastructure such as bridges, tunnels, and facades.

European countries are imposing strict regulations to reduce carbon emissions and encourage the adoption of eco-friendly materials. This has led to an increased demand for lightweight composites, which offer high strength and reduced emissions in various industries, including automotive, aerospace, and construction, thus supporting the Europe composites market expansion.

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Market Segmentation

The market can be divided based on product, resin, method of manufacturing process, end use, and country.

Market Breakup by Product

- Carbon Fibre
- Glass Fibre
- Others

Market Breakup by Resin

- Thermosetting
- Thermoplastic

Market Breakup by Method of Manufacturing Process

- Layup Process
- Filament Winding Process
- Injection Molding Process
- Pultrusion Process
- Compression Molding Process
- Resin Transfer Molding Process
- Others

Market Breakup by End Use

- Automotive and Transportation
- Aerospace and Defence
- Wind Energy
- Electrical and Electronics
- Construction and Infrastructure
- Pipes and Tanks
- Marine
- Others

Market Breakup by Country

- United Kingdom
- Germany
- Italy
- France
- Others

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the Europe composites companies. Some of the major key players explored in the report by Expert Market Research are as follows:

- SGL Carbon SE
- Hexcel Corporation
- Teijin Limited
- Solvay SA
- Gurit Holding AG
- FMC Composites
- Others

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