

Advanced Composites: Global Market 2027-2037

<https://marketpublishers.com/r/ADE3292446CFEN.html>

Date: June 2026

Pages: 226

Price: US\$ 1,500.00 (Single User License)

ID: ADE3292446CFEN

Abstracts

The advanced composites market is in transition from an aerospace-anchored past to a diversified, mobility- and energy-led future. Once driven largely by a single cyclical sector, demand is broadening across many industries at very different stages of adoption, which is making the market more resilient and less hostage to any one sector's cycle. The outcome of the decade hinges chiefly on the pace of the hydrogen build-out, the speed of the thermoplastic transition, the balance of carbon-fiber capacity against demand, and the health of the automotive and construction cycles.

Advanced Composites: Global Market 2027–2037 provides a comprehensive analysis of the global advanced composites industry over the forecast period. It covers the full value chain — reinforcement materials, matrix systems, composite architectures, manufacturing processes, digital and enabling technologies, sustainability and recycling, end-use demand, value chain and pricing, regional markets, and the competitive landscape. The report quantifies the market by value and volume and segments the forecast by reinforcement type, matrix type, material form, manufacturing process, end-use sector and region. Forecasts are presented under conservative, base and accelerated scenarios.

The report profiles 101 companies across the value chain, from fibre and resin producers to intermediate, recycling, additive-manufacturing and materials-technology firms. The report is intended for material suppliers, manufacturers, OEMs, investors and policymakers requiring a data-grounded reference on the advanced composites market through 2037.

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