

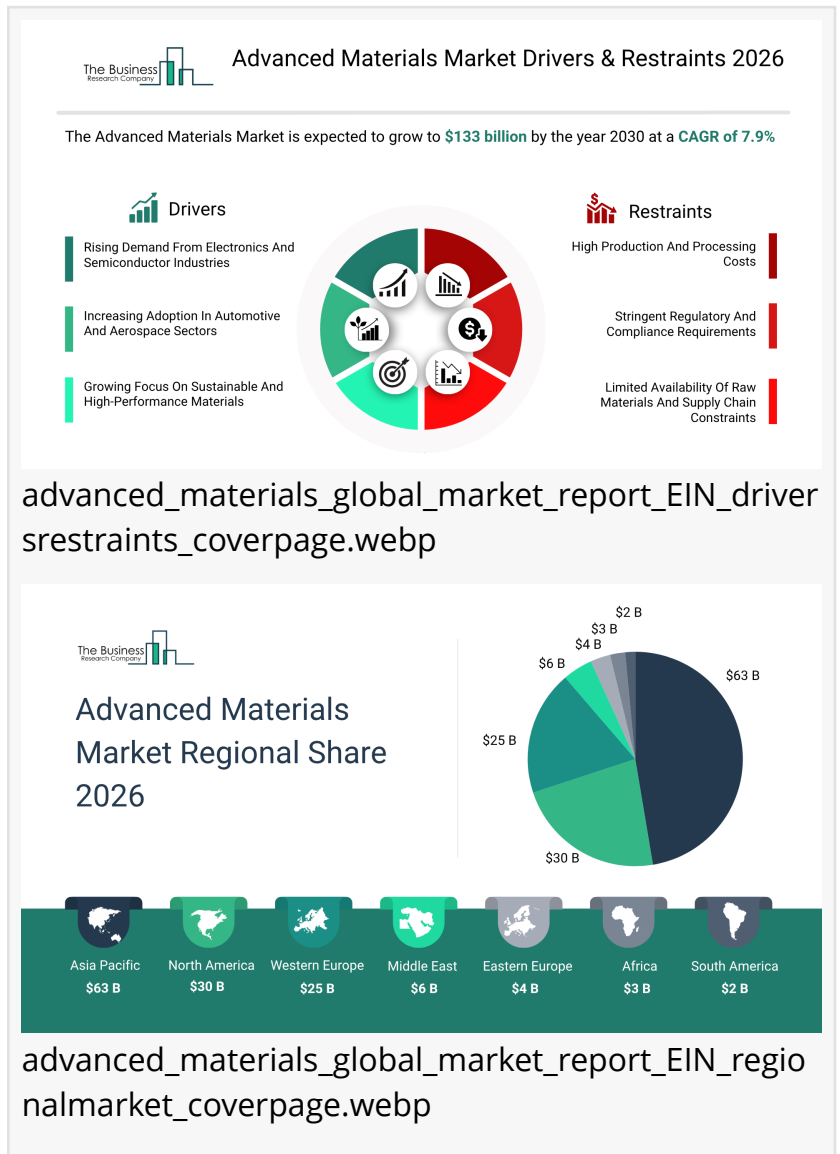
BASF SE Holds a 5% Global Share, Leading the Moderately Fragmented Advanced Materials Market

The Business Research Company's Advanced Materials Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, October 16, 2026 /EINPresswire.com/ -- "The advanced materials sector is rapidly evolving, driven by technological breakthroughs and increasing demand across various industries. This market's future looks promising as it pushes the boundaries of performance, sustainability, and innovation. Let's explore the market size, growth drivers, key players, and emerging trends shaping this dynamic field.

Market Size and Growth Outlook for the [Advanced Materials Market](#) Projected to surpass \$133 billion by 2030, the advanced materials market is a significant segment within the broader specialty chemicals industry, which is expected to reach about \$1,001 billion by the same year.

Advanced materials will account for roughly 13% of that specialty chemicals market. When compared to the overall chemicals industry forecasted at \$7,007 billion by 2030, this sector will represent close to 2% of total market value. The anticipated compound annual growth rate (CAGR) for advanced materials stands at 8% through 2030, underscoring its robust expansion prospects.



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Key Drivers Behind the Growth of the Advanced Materials Market

A major catalyst for growth is the soaring demand from the electronics and semiconductor industries. Modern gadgets require materials that offer excellent conductivity, flexibility, and heat resistance. The rising popularity of smartphones, wearables, and other smart devices is pushing manufacturers toward adopting nanomaterials and advanced polymers. Progress in semiconductor technology and flexible electronics further supports the need for miniaturized, more efficient components, contributing an estimated 2.4% annual growth to this market.

Another important growth driver is the increasing adoption of advanced materials in automotive and aerospace sectors. These industries seek lightweight yet durable materials to improve fuel efficiency and overall performance. Composites, alloys, and engineered plastics help reduce vehicle weight without compromising safety. Additionally, the transition to electric vehicles, stricter emission standards, and advances in thermal management are fueling demand, adding around 2.0% annual growth to the advanced materials market.

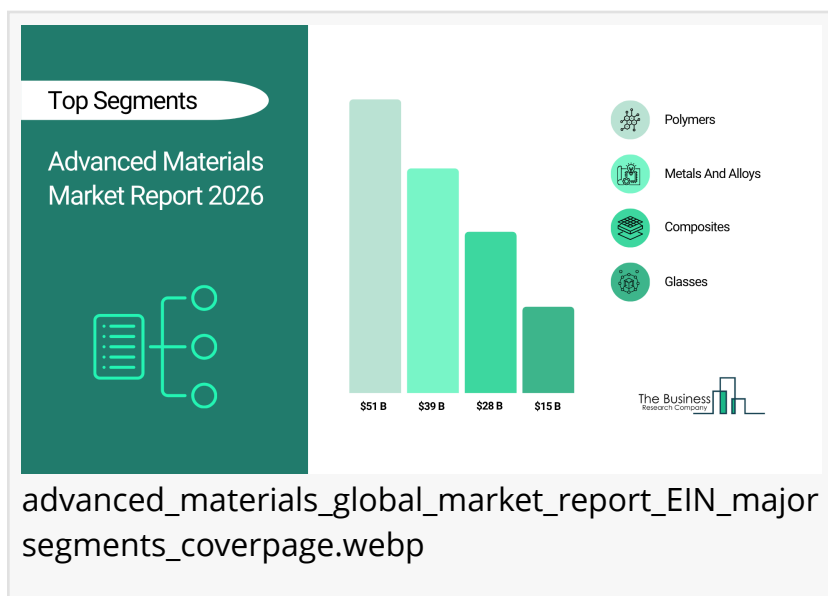
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Sustainability and high-performance materials are also playing a crucial role. Companies and governments are prioritizing eco-friendly materials that offer recyclability, reduced emissions, and enhanced lifecycle performance. Innovations in bio-based and recyclable advanced materials continue to emerge to meet strict environmental regulations, contributing an estimated 1.8% yearly growth to the sector.

Innovations in Carbon Fiber Composites Transforming the Market

Carbon fiber composites are making a significant impact by enhancing structural strength, lowering weight, and improving durability. A notable example is Hexcel Corporation's March 2024 launch of HexTow IM9 24K, an intermediate modulus carbon fiber tailored for high-performance composites. This product delivers a balance of high tensile strength and stiffness with lightweight features, benefiting aerospace applications, manufacturing efficiency, and cost-



effective composite production.

Polymers Dominate the [Advanced Materials Industry](#) by Product Type

Among product categories, polymers hold the largest market share, expected to make up 38% or \$51 billion by 2030. The demand is driven by lightweight, high-performance polymers used in automotive and transportation, engineering plastics for electronics, and advanced polymers in medical devices. The segment also benefits from recyclable and bio-based polymers aimed at sustainability goals, as well as specialty formulations for high-temperature applications and industrial and consumer product replacements.

Additional Segmentation Within the Advanced Materials Market

The market is further divided by distribution channels into direct and indirect routes. Regarding application areas, it includes medical devices, automotive, aerospace, electrical and electronics, industrial sectors, power, and various other uses, reflecting its broad industrial relevance.

Regional Insights and the Asia-Pacific Market Outlook

Asia-Pacific is projected to be the largest regional market by 2030, reaching \$63 billion up from \$39 billion in 2025 at a CAGR of 10%. This growth is supported by expanding manufacturing bases, rising demand for lightweight materials in automotive and aerospace, booming electronics and semiconductor production, infrastructure development, increased use of nanomaterials and composites, and government initiatives promoting innovation and local production.

China is expected to lead within this region, with a market value of \$35 billion in 2030 compared to \$21 billion in 2025, growing at a CAGR of 11%. Its expansion is driven by rapid scaling of advanced manufacturing, growth in electric vehicle and battery supply chains, investments in specialty chemicals and industrial materials, accelerated development of semiconductor-grade materials, a focus on self-reliance for strategic technologies, and widespread use of advanced materials in renewable energy and industry.

Market Opportunities in Polymers, Metals, Composites, and Glasses

Polymers, metals and alloys, glasses, and composite materials present the largest opportunities for growth, collectively adding over \$42 billion in value between 2025 and 2030. Polymers are expected to expand by \$16 billion, metals and alloys by \$12 billion, composites by \$9 billion, and glasses by \$5 billion. This growth stems from advances in additive manufacturing, precision fabrication, applications in high-temperature conditions, demand for smart and functional materials, next-gen electronics, biomedical devices, and ongoing improvements in material durability and performance.

Market Fragmentation and Competitive Landscape in Advanced Materials

The advanced materials market is moderately fragmented, with the top 10 firms accounting for 22% of revenue in 2024. Entry barriers are significant but manageable due to the need for advanced manufacturing, substantial R&D investment, stringent quality standards, and

specialized expertise across industries. Leading players maintain their positions through diverse product portfolios, strong research capabilities, global manufacturing and distribution, and continuous innovation in high-performance and specialty materials. As demand rises for lightweight, composite, polymeric, and sustainable materials, companies are focusing on collaborations, new product launches, and geographic expansion to strengthen their market presence.

Key Companies Leading the Advanced Materials Market

According to The Business Research Company, BASF SE led the [global advanced materials market](#) in 2024 with a 5% market share. Its materials and chemicals division supplies a broad range of high-performance polymers, specialty chemicals, engineering plastics, and composite materials for sectors like automotive, construction, electronics, industrial manufacturing, and energy.

Other major players include DuPont de Nemours Inc., Dow Inc., Toray Industries Inc., Saint-Gobain, Mitsubishi Chemical Group Corporation, 3M Company, Teijin Limited, Arkema S.A., and Akzo Nobel N.V., among others.

Competitive Strategies Shaping the Market

Companies are focusing on developing high-performance materials that enhance durability and strength. There is also an emphasis on composite and smart materials for improved efficiency and reliability. Expanding manufacturing capabilities helps strengthen supply chains and competitiveness, while incorporating AI-driven material discovery boosts innovation and accelerates product development.

Supply Chain Overview from Raw Materials to End Users

The supply chain involves numerous key raw material suppliers such as BASF SE, Dow Inc., DuPont de Nemours Inc., Evonik Industries AG, Covestro AG, and others. Wholesalers and distributors include Brenntag SE, Univar Solutions Inc., IMCD N.V., Barentz International B.V., and several more. End users span a broad range of industries and include companies like General Electric Company, Siemens AG, Airbus SE, Boeing, Lockheed Martin, Tesla Inc., Apple Inc., Samsung Electronics, Intel Corporation, and many others, highlighting the advanced materials market's extensive industrial reach.

Our 2026 market reports now feature expanded strategic intelligence through market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based dashboards, market hotspots infographics, key technology and future trend analysis, along with updated graphics and tables.

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