

Advanced Composites Market - Forecasts from 2018 to 2023

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Abstracts

The global advanced composites market was valued at US\$21.572 billion in 2017 and is projected to expand at a CAGR of 11.64% over the forecast period to reach US\$41.758 billion by 2023. Advanced composites are gaining popularity across various industries owing to the number of positive properties they possess such as light weight, high mechanical strength, thermal chemical stability, recyclability dimensional stability, heat resistance and good optical clarity. The market for advanced composites is dominated by carbon composites and S-glass composites. Demand for these composites is witnessing upswing owing to increased usage of these composites across major world economies, arising mainly from various end-use industries. Other factors influencing growth include technological advancements, bio-raw material developments, and innovative techniques developed for the use of advanced composites. Americas and Europe are the most active markets mainly due to superior end-user industry growth, amplified local manufacturing, and increased number of domestic players in vertical market segments.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part

of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the advanced composites value chain. Last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the global advanced composites market.

Major industry players profiled as part of the report are Koninklijke Ten Cate BV, Toray Industries Inc., Composites One, and AGY among others.

SEGMENTATION

The global advanced composites market has been analyzed through following segments:

By Fiber Type

Carbon Fiber

Aramid Fiber

S-Glass

Other

By Resin Type

Advanced Thermosetting Composites

Advanced Thermoplastic Composites

By End User

Aerospace and Defense

Automotive

Construction

Energy and Power

Healthcare

Others

By Geography

North America

United States

Canada

Mexico

Others

South America

Brazil

Argentina

Others

Europe

Germany

France

Italy

United Kingdom

Others

Middle East and Africa

Israel

Saudi Arabia

South Africa

Others

Asia Pacific

Japan

China

India

Australia

Others

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