

Global Thermoplastic Composites Market Size study, by Resin Type (Polypropylene, Polyamide, Polyetheretherketone, Hybrid), Fiber Type (Glass, Carbon, Mineral), Product Type (Short-fiber Thermoplastic, Long-fiber Thermoplastic, Continuous-fiber Thermoplastic, and Glass Mat Thermoplastic), End-Use Industry (Transportation, Consumer goods & electronics, Wind Energy, Sports & Leisure, Construction, Aersopace & Defense, Others) and Regional Forecasts 2020-2027

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Abstracts

Global Thermoplastic Composites Market is valued approximately at USD 21.5 billion in 2019 and is anticipated to grow with a healthy growth rate of more than 7.5% over the forecast period 2020-2027. Thermoplastic Composites are advanced materials made from structural Polymer composites. These advanced materials have an additional benefit of chemical stability owing to their thermoplastic matrix. These materials can be molded as per requirement using thermal energy as when heated, thermoplastics soften and their shape can be changed and when cooled they solidify into the finished shape without any degradation. Hence the advantageous properties of thermoplastics, namely, fast processing, endurance of high temperatures and recyclability has made these materials a preferred choice in numerous end-use industries driving the market growth. As the Transportation sector is a major end-user of the thermoplastic composites. With the swelling demand for production of light weight automobiles and reduction in emission of CO2 OEMs are using thermoplastic Composites for light weight vehicle manufacture driving the market towards growth. For instance: the carbon emission limits

for new cars in EU is proposed to drop from 130 grams to 95 grams per kilometer by the end of 2020. To achieve this target manufacturers, replace metal components of the vehicles with thermoplastic composites. Moreover, expanding use of these materials in Aerospace and Defense, consumer goods, electrical and electronics industries project lucrative market growth opportunities. However, relatively higher cost of raw materials impedes the growth of the market over the forecast period of 2020-2027. Although, Lower cost for consumers and improvement in product performance through innovation is expected to further augment the market growth during the forecast period.

The regional analysis of global Thermoplastic Composites market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia-Pacific is the leading/significant region across the world in terms of market share owing to the growing production of light weight vehicles and implementation of government laws in the region. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as rising number of manufacturing facilities would create lucrative growth prospects for the Thermoplastic Composites market across Asia-Pacific region.

Major market player included in this report are:

SABIC

Celanese Corporation

BASF SE

Lanxess AG

Solvay S.A.

Mitsubishi Chemical Advanced Materials

SGL Group

DoWDuPont

Toray Industries, Inc.

Polyone Corporation

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key

players. The detailed segments and sub-segment of the market are explained below:

By Resin Type:

Polypropylene

Polyamide

Polyetheretherketone

Hybrid

By Fiber Type:

Glass

Carbon

Mineral

By Product Type:

Short-fiber Thermoplastic

Long-fiber Thermoplastic

Continuous-fiber Thermoplastic

Glass Mat Thermoplastic

By End-Use Industry:

Transportation

Consumer goods & electronics

Wind Energy

Construction

Aerospace & Defense

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018
Base year – 2019
Forecast period – 2020 to 2027

Target Audience of the Global Thermoplastic Composites Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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COMPANIES MENTIONED

SABIC
Celenase Corporation
BASF SE
Lanxess AG
Solvay S.A.
Mitsubishi Chemical Advanced Materials

SGL Group
DoWDuPont
Toray Industries, Inc.
Polyone Corporation

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