

# Thermoplastic Composites Market Size, Share & Trends Analysis Report By Resin (PA, PP), By Fiber (Carbon, Glass), By Product (SFT, LFT), By End-use (Transportation, Aerospace & Defense), By Region, And Segment Forecasts, 2022 - 2030

<https://marketpublishers.com/r/T577FB7D4B7AEN.html>

Date: September 2022

Pages: 115

Price: US\$ 5,950.00 (Single User License)

ID: T577FB7D4B7AEN

## Abstracts

This report can be delivered to the clients within 3 Business Days

### Thermoplastic Composites Market Growth & Trends

The global thermoplastic composites market size is expected to reach USD 62.62 billion by 2030, registering a CAGR of 7.8% over the forecast period, according to a new report by Grand View Research, Inc. This growth can be attributed to the rising product demand in the aerospace and automotive industries as well as exponential growth in the construction industry. Thermoplastic composites are used in the construction of residential buildings, infrastructure, and water utilities. Properties, such as excellent strength, toughness, and ability to be recycled & remolded, make thermoplastic composites an ideal choice for the manufacturing of construction applications.

Moreover, the material is used for the production of storage tanks, lightweight structures, window frames, utility poles, railings, pipes, panels, and doors. The automotive industry is one of the key application segments. Manufacturers are focusing on increasing fuel efficiency, for which they are replacing metals and steel with lightweight thermoplastic composites. For instance, carbon fiber weighs one-fifth of steel, hence, it aids in reducing the overall weight of the vehicle. According to the European Commission, the carbon emission cap target for cars is to reach 95 grams per kilometer from 130 grams per kilometer by 2024, which is expected to increase the demand for thermoplastic composites in car manufacturing.

Furthermore, the product is also used to manufacture fuel-efficient vehicles by substituting wood, steel, and aluminum. The mixing of thermoplastic composites results in the formation of hybrid materials with superior structural properties. This material is used in the manufacturing of components for the aerospace industry. In addition, different properties of thermoplastic composites including superior strength, surface texture, weather-resistant finish, and insubstantial weight are expected to boost their demand in the aerospace industry. Manufacturers opt for resin type based on cost and environmental considerations. The industry is witnessing the development of low-cost manufacturing technologies for the production of thermoplastic composites.

Companies are investing heavily in R&D as well as supporting the research work conducted for technological development. For instance, Toray Group is offering various technologies for Hi-Rate Composite Aircraft Manufacturing (HiCAM) project. North America is expected to grow at a steady CAGR over the forecast period. Stringent regulations in North American countries, such as EPA emission restrictions and vehicle emission reduction programs, are expected to boost the demand for thermoplastic composites in the region. High disposable income and the presence of suitable infrastructure, supportive government initiatives, and major automobile manufacturers, such as Chrysler, Tesla, Ford, and Cadillac, are expected to augment the region's growth over the forecast period.

### Thermoplastic Composites Market Report Highlights

The Polyetheretherketone (PEEK) thermoplastic composites resin segment is expected to grow at a significant CAGR over the forecast period. This resin is used in applications, such as aerospace, biomedical, high-temperature electrical, structural and automotive, and helps in manufacturing parts that are lightweight and strong

The glass segment accounted for the maximum revenue share in 2021. The product is widely used for the production of thermoplastic composites as it is considered more cost-effective as compared to carbon fiber

Glass fiber is a fiber-reinforced polymer composite that has properties including low density, easy processing, and high strength. Fiber glass-based thermoplastic composites are widely used in automotive, aerospace, construction, and sporting goods

The transportation application segment dominated the industry in 2021. Thermoplastic composites find applications in automotive, trucks, trailers, buses, trains, subways, and motorcycles

These industries utilize thermoplastic composites for the manufacturing of strong and lightweight components replacing the usage of metal. The material has the stiffness and strength of metals but is comparatively lighter, which aids in manufacturing lightweight parts

## Contents

### **CHAPTER 1. METHODOLOGY AND SCOPE**

- 1.1. Research Methodology
- 1.2. Research Scope & Assumption
- 1.3. Information Procurement
  - 1.3.1. Purchased Database
  - 1.3.2. GVR's Internal Database
  - 1.3.3. Secondary Sources & Third-Party Perspectives
  - 1.3.4. Primary Research
- 1.4. Information Analysis
  - 1.4.1. Data Analysis Models
- 1.5. Market Formulation & Data Visualization
- 1.6. Data Validation & Publishing

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Market Outlook
- 2.2. Segmental Outlook
- 2.3. Competitive Insights

### **CHAPTER 3. THERMOPLASTIC COMPOSITES MARKET VARIABLES, TRENDS & SCOPE**

- 3.1. Market Segmentation
- 3.2. Penetration and Growth Prospect Mapping
- 3.3. Value Chain Analysis
  - 3.3.1. Raw Material Trends
  - 3.3.2. Manufacturing Trends
- 3.4. Regulatory Framework
- 3.5. Technology Overview
- 3.6. Market Dynamics
  - 3.6.1. Market driver analysis
  - 3.6.2. Market restraint analysis
  - 3.6.3. Market Opportunity Analysis
  - 3.6.4. Market Challenge Analysis
- 3.7. Business Environment Analysis
  - 3.7.1. Porter's Analysis

- 3.7.1.1. Supplier Power
- 3.7.1.2. Buyer Power
- 3.7.1.3. Substitution Threat
- 3.7.1.4. Threat from New Entrant
- 3.7.1.5. Competitive Rivalry
- 3.7.2. PESTEL Analysis
  - 3.7.2.1. Political Landscape
  - 3.7.2.2. Environmental Landscape
  - 3.7.2.3. Social Landscape
  - 3.7.2.4. Technology Landscape
  - 3.7.2.5. Economic Landscape
  - 3.7.2.6. Legal Landscape

## **CHAPTER 4. THERMOPLASTIC COMPOSITES MARKET: RESIN ESTIMATES & TREND ANALYSIS**

- 4.1. Definition & Scope
- 4.2. Thermoplastic Composites Market: Resin Movement Analysis, 2021 & 2030
- 4.3. Polyamide (PA)
  - 4.3.1. Polyamide (PA) thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)
- 4.4. Polypropylene (PP)
  - 4.4.1. Polypropylene (PP) thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)
- 4.5. Polyether ether ketone (PEEK)
  - 4.5.1. Polyether ether ketone (PEEK) thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)
- 4.6. Others
  - 4.6.1. Thermoplastic composites market estimates and forecasts, by other resins, 2017 - 2030 (Kilotons) (USD Million)

## **CHAPTER 5. THERMOPLASTIC COMPOSITES MARKET: FIBER ESTIMATES & TREND ANALYSIS**

- 5.1. Definition & Scope
- 5.2. Thermoplastic Composite Market: Fiber Movement Analysis, 2021 & 2030
- 5.3. Glass Fiber
  - 5.3.1. Glass fiber thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

#### 5.4. Carbon Fiber

5.4.1. Carbon fiber thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

#### 5.5. Others

5.5.1. Thermoplastic composites market estimates and forecasts, by other fibers, 2017 - 2030 (Kilotons) (USD Million)

### **CHAPTER 6. THERMOPLASTIC COMPOSITES MARKET: PRODUCT ESTIMATES & TREND ANALYSIS**

#### 6.1. Definition & Scope

6.2. Thermoplastic Composite Market: Product Movement Analysis, 2021 & 2030

#### 6.3. Short Fiber Thermoplastic (SFT)

6.3.1. Short fiber thermoplastic market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

#### 6.4. Long Fiber Thermoplastic (LFT)

6.4.1. Long fiber thermoplastic market estimates and forecasts, 2017 - 2021 (Kilotons) (USD Million)

#### 6.5. Others

6.5.1. Thermoplastic composites market estimates and forecasts, by other product type, 2017 - 2030 (Kilotons) (USD Million)

### **CHAPTER 7. THERMOPLASTIC COMPOSITES MARKET: END-USE ESTIMATES & TREND ANALYSIS**

#### 7.1. Definition & Scope

7.2. Thermoplastic Composite Market: End-Use Movement Analysis, 2021 & 2030

#### 7.3. Transportation

7.3.1. Thermoplastic composites market estimates and forecasts, by transportation, 2017 - 2030 (Kilotons) (USD Million)

#### 7.4. Aerospace & Defense

7.4.1. Thermoplastic composites market estimates and forecasts, by aerospace & defense, 2017 - 2030 (Kilotons) (USD Million)

#### 7.5. Electrical & Electronics

7.5.1. Thermoplastic composites market estimates and forecasts, by electrical & electronics goods, 2017 - 2030 (Kilotons) (USD Million)

#### 7.6. Consumer Goods

7.6.1. Thermoplastic composites market estimates and forecasts, by sports & leisure, 2017 - 2030 (Kilotons) (USD Million)

## 7.7. Construction

7.7.1. Thermoplastic composites market estimates and forecasts, by construction, 2017 - 2030 (Kilotons) (USD Million)

## 7.8. Wind Energy

7.8.1. Thermoplastic composites market estimates and forecasts, by wind energy, 2017 - 2030 (Kilotons) (USD Million)

## 7.9. Marine

7.9.1. Thermoplastic composites market estimates and forecasts, by marine, 2017 - 2030 (Kilotons) (USD Million)

## 7.10. Others

7.10.1. Thermoplastic composites market estimates and forecasts, by other end-use, 2017 - 2030 (Kilotons) (USD Million)

## **CHAPTER 8. THERMOPLASTIC COMPOSITES MARKET: REGIONAL ESTIMATES & TREND ANALYSIS**

### 8.1. Definition & Scope

8.2. Thermoplastic Composites Market: Regional Movement Analysis, 2021 & 2030

### 8.3. North America

8.3.1. North America thermoplastic composites market estimates and forecast, 2021 - 2030 (Kilotons) (USD Million)

8.3.2. North America thermoplastic composites market estimates and forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.3.3. North America thermoplastic composites market estimates and forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.3.4. North America thermoplastic composites market estimates and forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.3.5. North America thermoplastic composites market estimates and forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.3.6. U.S.

8.3.6.1. U.S. thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.3.6.2. U.S. thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.3.6.3. U.S. thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.3.6.4. U.S. thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.3.6.5. U.S. thermoplastic composites market estimates & forecast, by end-use,



2021 - 2030 (Kilotons) (USD Million)

#### 8.3.7. Canada

8.3.7.1. Canada thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.3.7.2. Canada thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.3.7.3. Canada thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.3.7.4. Canada thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.3.7.5. Canada thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.3.8. Mexico

8.3.8.1. Mexico thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.3.8.2. Mexico thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.3.8.3. Mexico thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.3.8.4. Mexico thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.3.8.5. Mexico thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.4. Europe

8.4.1. Europe thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.4.2. Europe thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.4.3. Europe thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.4.4. Europe thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.4.5. Europe thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.4.6. Germany

8.4.6.1. Germany thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.4.6.2. Germany thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)



8.4.6.3. Germany thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.4.6.4. Germany thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.4.6.5. Germany thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

8.4.7. U.K.

8.4.7.1. U.K. thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.4.7.2. U.K. thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.4.7.3. U.K. thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.4.7.4. U.K. thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.4.7.5. U.K. thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

8.4.8. France

8.4.8.1. France thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.4.8.2. France thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.4.8.3. France thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.4.8.4. France thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.4.8.5. France thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

8.4.9. Spain

8.4.9.1. Spain thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.4.9.2. Spain thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.4.9.3. Spain thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.4.9.4. Spain thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.4.9.5. Spain thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.4.10. Italy

8.4.10.1. Italy thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.4.10.2. Italy thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.4.10.3. Italy thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.4.10.4. Italy thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.4.10.5. Italy thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.5. Asia Pacific

8.5.1. Asia Pacific thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.5.2. Asia Pacific thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.5.3. Asia Pacific thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.5.4. Asia Pacific thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.5.5. Asia Pacific thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.5.6. China

8.5.6.1. China thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.5.6.2. China thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.5.6.3. China thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.5.6.4. China thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.5.6.5. China thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

#### 8.5.7. India

8.5.7.1. India thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.5.7.2. India thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.5.7.3. India thermoplastic composites market estimates & forecast, by fiber, 2021 -

2030 (Kilotons) (USD Million)

8.5.7.4. India thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.5.7.5. India thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

8.5.8. Japan

8.5.8.1. Japan thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.5.8.2. Japan thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.5.8.3. Japan thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.5.8.4. Japan thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.5.8.5. Japan thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

8.5.9. South Korea

8.5.9.1. South Korea thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.5.9.2. South Korea thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.5.9.3. South Korea thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.5.9.4. South Korea thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.5.9.5. South Korea thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

8.6. Central & South America

8.6.1. Central & South America thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.6.2. Central & South America thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.6.3. Central & South America thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.6.4. Central & South America thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.6.5. Central & South America thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

8.6.6. Brazil

8.6.6.1. Brazil thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.6.6.2. Brazil thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.6.6.3. Brazil thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.6.6.4. Brazil thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.6.6.5. Brazil thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

## 8.7. Middle East & Africa

8.7.1. Middle East & Africa thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.7.2. Middle East & Africa thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.7.3. Middle East & Africa thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.7.4. Middle East & Africa thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.7.5. Middle East & Africa thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

### 8.7.6. Saudi Arabia

8.7.6.1. Saudi Arabia thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.7.6.2. Saudi Arabia thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.7.6.3. Saudi Arabia thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.7.6.4. Saudi Arabia thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.7.6.5. Saudi Arabia thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

### 8.7.7. UAE

8.7.7.1. UAE thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

8.7.7.2. UAE thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

8.7.7.3. UAE thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

8.7.7.4. UAE thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

8.7.7.5. UAE thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

## **CHAPTER 9. COMPETITIVE LANDSCAPE**

9.1. Key players' recent developments & their impact on the industry

9.2. Company/Competition Categorization

9.3. Vendor Landscape

9.4. Public Companies

9.4.1. Company market position analysis

9.5. Private Companies

9.5.1. List of key emerging companies and their geographic presence

## **CHAPTER 10. COMPANY PROFILES**

10.1. Hexcel Corporation

10.1.1. Company Overview

10.1.2. Financial Performance

10.1.3. Product Benchmarking

10.1.4. Strategic Initiatives

10.2. Celanese Corporation

10.2.1. Company Overview

10.2.2. Financial Performance

10.2.3. Product Benchmarking

10.2.4. Strategic Initiatives

10.3. Toray Advanced Composites

10.3.1. Company Overview

10.3.2. Financial Performance

10.3.3. Product Benchmarking

10.3.4. Strategic Initiatives

10.4. Solvay

10.4.1. Company Overview

10.4.2. Financial Performance

10.4.3. Product Benchmarking

10.4.4. Strategic Initiatives

10.5. LANXESS

10.5.1. Company Overview

- 10.5.2. Financial Performance
- 10.5.3. Product Benchmarking
- 10.5.4. Strategic Initiatives
- 10.6. Avient Corporation
  - 10.6.1. Company Overview
  - 10.6.2. Financial Performance
  - 10.6.3. Product Benchmarking
  - 10.6.4. Strategic Initiatives
- 10.7. SGL Carbon
  - 10.7.1. Company Overview
  - 10.7.2. Financial Performance
  - 10.7.3. Product Benchmarking
  - 10.7.4. Strategic Initiatives
- 10.8. Mitsubishi Chemical Corporation
  - 10.8.1. Company Overview
  - 10.8.2. Financial Performance
  - 10.8.3. Product Benchmarking
  - 10.8.4. Strategic Initiatives
- 10.9. Arkema
  - 10.9.1. Company Overview
  - 10.9.2. Financial Performance
  - 10.9.3. Product Benchmarking
  - 10.9.4. Strategic Initiatives
- 10.10. AVANKO Group
  - 10.10.1. Company Overview
  - 10.10.2. Financial Performance
  - 10.10.3. Product Benchmarking
  - 10.10.4. Strategic Initiatives
- 10.11. Teijin Limited
  - 10.11.1. Company Overview
  - 10.11.2. Financial Performance
  - 10.11.3. Product Benchmarking
  - 10.11.4. Strategic Initiatives
- 10.12. Owens Corning
  - 10.12.1. Company Overview
  - 10.12.2. Financial Performance
  - 10.12.3. Product Benchmarking
  - 10.12.4. Strategic Initiatives
- 10.13. DSM

- 10.13.1. Company Overview
- 10.13.2. Financial Performance
- 10.13.3. Product Benchmarking
- 10.13.4. Strategic Initiatives
- 10.14. Cutting Dynamic, Inc.
  - 10.14.1. Company Overview
  - 10.14.2. Financial Performance
  - 10.14.3. Product Benchmarking
  - 10.14.4. Strategic Initiatives
- 10.15. Tri-Mack Plastic Manufacturing Corporation
  - 10.15.1. Company Overview
  - 10.15.2. Financial Performance
  - 10.15.3. Product Benchmarking
  - 10.15.4. Strategic Initiatives



## List Of Tables

### LIST OF TABLES

Table 1 Polyamide (PA) thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

Table 2 Polypropylene (PP) thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

Table 3 Polyether ether ketone (PEEK) thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

Table 4 Thermoplastic composites market estimates and forecasts, by other resins, 2017 - 2030 (Kilotons) (USD Million)

Table 5 Glass fiber thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

Table 6 Carbon fiber thermoplastic composites market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

Table 7 Thermoplastic composites market estimates and forecasts, by other fibers, 2017 - 2030 (Kilotons) (USD Million)

Table 8 Short fiber thermoplastic market estimates and forecasts, 2017 - 2030 (Kilotons) (USD Million)

Table 9 Long fiber thermoplastic market estimates and forecasts, 2017 - 2021 (Kilotons) (USD Million)

Table 10 Thermoplastic composites market estimates and forecasts, by other product type, 2017 - 2030 (Kilotons) (USD Million)

Table 11 Thermoplastic composites market estimates and forecasts, by transportation, 2017 - 2030 (Kilotons) (USD Million)

Table 12 Thermoplastic composites market estimates and forecasts, by aerospace & defense, 2017 - 2030 (Kilotons) (USD Million)

Table 13 Thermoplastic composites market estimates and forecasts, by electrical & electronics, 2017 - 2030 (Kilotons) (USD Million)

Table 14 Thermoplastic composites market estimates and forecasts, by sports & leisure, 2017 - 2030 (Kilotons) (USD Million)

Table 15 Thermoplastic composites market estimates and forecasts, by construction, 2017 - 2030 (Kilotons) (USD Million)

Table 16 Thermoplastic composites market estimates and forecasts, by wind energy, 2017 - 2030 (Kilotons) (USD Million)

Table 17 Thermoplastic composites market estimates and forecasts, by marine, 2017 - 2030 (Kilotons) (USD Million)

Table 18 Thermoplastic composites market estimates and forecasts, by other end-use,

2017 - 2030 (Kilotons) (USD Million)

Table 19 North America thermoplastic composites market estimates and forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 20 North America thermoplastic composites market estimates and forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 21 North America thermoplastic composites market estimates and forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 22 North America thermoplastic composites market estimates and forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 23 North America thermoplastic composites market estimates and forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 24 U.S. thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 25 U.S. thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 26 U.S. thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 27 U.S. thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 28 U.S. thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 29 Canada thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 30 Canada thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 31 Canada thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 32 Canada thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 33 Canada thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 34 thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 35 Mexico thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 36 Mexico thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 37 Mexico thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 38 Mexico thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 39 Europe thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 40 Europe thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 41 Europe thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 42 Europe thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 43 Europe thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 44 Germany thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 45 Germany thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 46 Germany thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 47 Germany thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 48 Germany thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 49 U.K. thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 50 U.K. thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 51 U.K. thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 51 U.K. thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 52 U.K. thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 53 France thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 54 France thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 55 France thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 56 France thermoplastic composites market estimates & forecast, by product,

2021 - 2030 (Kilotons) (USD Million)

Table 57 France thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 58 Spain thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 59 Spain thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 60 Spain thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 61 Spain thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 62 Spain thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 63 Italy thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 64 Italy thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 65 Italy thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 66 Italy thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 67 Italy thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 68 Asia Pacific thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 69 Asia Pacific thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 70 Asia Pacific thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 71 Asia Pacific thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 72 Asia Pacific thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 73 China thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 74 China thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 75 China thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 76 China thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 77 China thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 78 India thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 79 India thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 80 India thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 81 India thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 82 India thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 83 Japan thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 84 Japan thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 85 Japan thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 86 Japan thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 87 Japan thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 88 South Korea thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 89 South Korea thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 90 South Korea thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 91 South Korea thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 92 South Korea thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 93 Central & South America thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 94 Central & South America thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 95 Central & South America thermoplastic composites market estimates &



forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 96 Central & South America thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 97 Central & South America thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 98 Brazil thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 99 Brazil thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 100 Brazil thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 101 Brazil thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 102 Brazil thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 103 Middle East & Africa thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 104 Middle East & Africa thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 105 Middle East & Africa thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 106 Middle East & Africa thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 107 Middle East & Africa thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 108 Saudi Arabia thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 109 Saudi Arabia thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 110 Saudi Arabia thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 111 Saudi Arabia thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 112 Saudi Arabia thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)

Table 113 UAE thermoplastic composites market estimates & forecast, 2021 - 2030 (Kilotons) (USD Million)

Table 114 UAE thermoplastic composites market estimates & forecast, by resin, 2021 - 2030 (Kilotons) (USD Million)

Table 115 UAE thermoplastic composites market estimates & forecast, by fiber, 2021 - 2030 (Kilotons) (USD Million)

Table 116 UAE thermoplastic composites market estimates & forecast, by product, 2021 - 2030 (Kilotons) (USD Million)

Table 117 UAE thermoplastic composites market estimates & forecast, by end-use, 2021 - 2030 (Kilotons) (USD Million)



## List Of Figures

### LIST OF FIGURES

- Fig. 1 Information Procurement
- Fig. 2 Primary Research Pattern
- Fig. 3 Primary Research Process
- Fig. 4 Market Research Approaches - Bottom Up Approach
- Fig. 5 Market Research Approaches - Top Down Approach
- Fig. 6 Market Research Approaches - Combined Approach
- Fig. 7 Penetration and Growth Prospect Mapping
- Fig. 8 Thermoplastic Composites Market: Value Chain Analysis
- Fig. 9 Thermoplastic Composites Market: Market Dynamics
- Fig. 10. Thermoplastic Composites Market: market driver impact analysis
- Fig. 11. Thermoplastic Composites Market: market restraint impact analysis
- Fig. 12 Thermoplastic Composites Market: Product Movement Analysis, 2021 & 2030
- Fig. 13 Thermoplastic Composites Market: Application Movement Analysis, 2021 & 2030
- Fig. 14 Thermoplastic Composites Market: Regional Movement Analysis, 2021 & 2030
- Fig. 15 Thermoplastic Composites Market: Company Market Position Analysis

## I would like to order

Product name: Thermoplastic Composites Market Size, Share & Trends Analysis Report By Resin (PA, PP), By Fiber (Carbon, Glass), By Product (SFT, LFT), By End-use (Transportation, Aerospace & Defense), By Region, And Segment Forecasts, 2022 - 2030

Product link: <https://marketpublishers.com/r/T577FB7D4B7AEN.html>

Price: US\$ 5,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/T577FB7D4B7AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970