

Thermoset Composites Market by Manufacturing Process (Lay-Up, Filament Winding, Injection Molding, Pultrusion), Fiber Type (Glass, Carbon), Resin Type (Polyester, Epoxy, Vinyl Ester), End-Use Industry, and Region - Global Forecast to 2021

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Abstracts

“The thermoset composites market is projected to grow at a CAGR of 6.67% from 2016 to 2021, in terms of value”

The thermoset composites market is projected to reach USD 57.98 billion by 2021, at a CAGR of 6.67% from 2016 to 2021. The increasing demand for thermoset composites from the transportation and wind energy end-use industries, increasing usage of thermoset composites in construction & infrastructure, and new product launches are major factors driving the growth of this market. However, issues related to recyclability and remold ability of thermoset composites, and insufficient production capacities are restraining the growth of the market.

“The wind energy end-use industry segment accounted for the largest share of the thermoset composites market, by value”

Thermoset composites are gaining importance in the wind energy sector, as these composites enhance the strength & rigidity of structural components and reduce the weight of wind blades. Use of glass fiber thermoset composites is also quite established in the wind energy sector; more than 90% of thermoset composites used are glass fiber composites. Thermoset composites encompass high strength-to-weight capability as compared to other traditional materials, and hence, facilitate more efficient designs and better fabrication. These composites are increasingly used in the development of wind blades, nacelles, and spar caps.

“Asia-Pacific is the fastest-growing market for thermoset composites”

The thermoset composites market in the Asia-Pacific region is projected to grow at the highest CAGR during the forecast period. The increasing demand for thermoset composites by various end-use industries, such as transportation, wind energy, and construction & infrastructure is driving the growth of the thermoset composites market in the Asia-Pacific. In addition, rapid economic development and industrialization in the Asia-Pacific region are providing an impetus for the growth of the thermoset composites market.

This study has been validated through primaries conducted with various industry experts, globally. These primary sources have been divided into the following three categories:

By Company Type- Tier 1 - 40%, Tier 2 - 33%, and Tier 3 - 27%

By Designation- C Level - 40%, Director Level - 15%, and Others - 45%

By Region- North America - 15%, Europe - 55%, and Asia-Pacific - 30%

The report provides a comprehensive analysis and company profiles of the following companies:

Toray Industries, Inc. (Japan)

Owens Corning (U.S.)

Teijin Limited (Japan)

PPG Industries, Inc. (U.S.)

Huntsman Corporation (U.S.)

Hexcel Corporation (U.S.)

SGL Group (Germany)

CPIC (China)

Mitsubishi Rayon Co., Ltd. (Japan)

Jushi Group (China)

Research Coverage:

The report covers the thermoset composites market on the basis of fiber type, end-user industry, resin type, manufacturing process, and region. It aims at estimating the market size and future growth potential of this market across the above-mentioned segments. Furthermore, the report also includes an in-depth competitive analysis of key players in the market, along with company profiles, SWOT analysis, recent developments, and key market strategies.

Reasons to buy the report:

The report will help market leaders/new entrants in this market by providing them the closest approximation of revenues for the overall thermoset composites market and its segments as well as subsegments. It will assist stakeholders to better understand the competitive landscape and gain more insights, to better position their businesses and market strategies. The report will also help stakeholders understand the pulse of the market and provide information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 YEARS CONSIDERED IN THE REPORT
- 1.4 CURRENCY
- 1.5 PACKAGE SIZE
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key Data from Secondary Sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key Data from Primary Sources
 - 2.1.2.2 Key Industry Insights
 - 2.1.2.3 Breakdown of Primary Interviews
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 DATA TRIANGULATION
 - 2.3.1 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 THERMOSET COMPOSITES MARKET SIZE BY 2021, BY VALUE
- 4.2 THERMOSET COMPOSITES MARKET–BY FIBER TYPE
- 4.3 THERMOSET COMPOSITES MARKET BY KEY END-USE INDUSTRY AND REGION
- 4.4 THERMOSET COMPOSITES MARKET, BY COUNTRY
- 4.5 THERMOSET COMPOSITES MARKET, BY RESIN TYPE
- 4.6 APPLICATION INDUSTRY GROWTH MATRIX

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 FIBER TYPE

5.2.2 END-USE INDUSTRY

5.2.3 RESIN TYPE

5.2.4 MANUFACTURING PROCESS

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Increase in the use of thermoset composites for manufacturing of structural composite parts used in aircraft

5.3.1.2 Increasing demand for lightweight materials from the transportation industry

5.3.1.3 Increasing usage of thermoset composites in the wind energy industry

5.3.2 RESTRAINTS

5.3.2.1 Issues related to recyclability and remoldability

5.3.2.2 Issues related to testing of thermoset composites

5.3.3 OPPORTUNITIES

5.3.3.1 Potential opportunities in new applications

5.3.3.2 Growing demand from emerging markets

5.3.4 CHALLENGES

5.3.4.1 High R&D cost

5.3.4.2 To reduce the cycle time of thermoset composites part manufacturing

5.4 PORTER'S FIVE FORCES ANALYSIS

5.4.1 THREAT OF NEW ENTRANTS

5.4.2 THREAT OF SUBSTITUTES

5.4.3 BARGAINING POWER OF SUPPLIERS

5.4.4 BARGAINING POWER OF BUYERS

5.4.5 INTENSITY OF COMPETITIVE RIVALRY

6 MACRO ECONOMIC OVERVIEW AND KEY TRENDS

6.1 INTRODUCTION

6.2 TRENDS AND FORECAST OF GDP

6.3 PER CAPITA GDP VS. PER CAPITA THERMOSET COMPOSITES DEMAND

6.4 TRENDS OF THE AEROSPACE INDUSTRY

6.5 TRENDS OF THE AUTOMOTIVE INDUSTRY

6.6 TRENDS OF THE CONSTRUCTION INDUSTRY

6.7 TRENDS OF THE WIND ENERGY INDUSTRY

7 THERMOSET COMPOSITES MARKET, BY FIBER TYPE

7.1 INTRODUCTION

7.2 GLASS FIBER THERMOSET COMPOSITE

7.3 CARBON FIBER THERMOSET COMPOSITE

7.4 OTHER FIBER COMPOSITES

8 THERMOSET COMPOSITES MARKET, BY RESIN TYPE

8.1 INTRODUCTION

8.2 POLYESTER RESIN

8.3 VINYL ESTER RESIN

8.4 EPOXY RESIN

8.5 PHENOLIC RESIN

8.6 POLYURETHANE RESIN

8.7 OTHER THERMOSET RESINS

9 THERMOSET COMPOSITES MARKET, BY MANUFACTURING PROCESS

9.1 INTRODUCTION

9.1.1 LAY-UP PROCESS

9.1.2 TAPE LAY-UP

9.1.3 HAND LAY-UP

9.1.4 SPRAY LAY-UP

9.2 FILAMENT WINDING PROCESS

9.3 INFUSION PROCESS

9.4 COMPRESSION MOLDING PROCESS

9.5 INJECTION MOLDING PROCESS

9.6 PULTRUSION PROCESS

9.7 OTHER PROCESSES

10 THERMOSET COMPOSITES MARKET, BY END-USE INDUSTRY

10.1 INTRODUCTION

10.2 AEROSPACE & DEFENSE

10.3 WIND ENERGY

10.4 TRANSPORTATION

10.5 SPORTING GOODS

10.6 MARINE

10.7 CONSTRUCTION & INFRASTRUCTURE

10.8 PIPE & TANK

10.9 ELECTRICAL & ELECTRONICS

10.10 OTHER END-USE INDUSTRIES

11 THERMOSET COMPOSITES MARKET, BY REGION

11.1 INTRODUCTION

11.2 NORTH AMERICA

11.2.1 U.S.

11.2.2 CANADA

11.3 EUROPE

11.3.1 GERMANY

11.3.2 FRANCE

11.3.3 ITALY

11.3.4 U.K.

11.3.5 SPAIN

11.3.6 TURKEY

11.3.7 REST OF EUROPE

11.4 ASIA-PACIFIC

11.4.1 CHINA

11.4.2 JAPAN

11.4.3 INDIA

11.4.4 TAIWAN

11.4.5 SOUTH KOREA

11.4.6 REST OF ASIA-PACIFIC

11.5 MIDDLE EAST & AFRICA

11.5.1 UAE

11.5.2 EGYPT

11.5.3 SAUDI ARABIA

11.5.4 REST OF MIDDLE EAST & AFRICA

11.6 LATIN AMERICA

11.6.1 BRAZIL

11.6.2 MEXICO

11.6.3 REST OF LATIN AMERICA

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW

12.2 EXPANSIONS: THE MOST POPULAR GROWTH STRATEGY

12.3 MAXIMUM DEVELOPMENTS IN 2014 AND 2016

12.4 MARKET SHARE ANALYSIS OF KEY PLAYERS

12.4.1 OWENS CORNING

12.4.2 TORAY INDUSTRIES INC.

12.4.3 TEIJIN LTD.

12.4.4 JUSHI GROUP CO. LTD

12.5 RECENT DEVELOPMENTS

12.5.1 EXPANSIONS

12.5.2 AGREEMENTS, PARTNERSHIPS & JOINT VENTURES

12.5.3 NEW PRODUCT LAUNCHES

12.5.4 MERGERS & ACQUISITIONS

13 COMPANY PROFILES

(Overview, Financial*, Products & Services, Strategy, and Developments)

13.1 OWENS CORNING

13.2 TORAY INDUSTRIES INC.

13.3 JUSHI GROUP CO., LTD

13.4 TEIJIN LIMITED

13.5 CHONGQING POLYCOMP INTERNATIONAL CORPORATION

13.6 SGL GROUP

13.7 PPG INDUSTRIES INC.

13.8 HUNTSMAN CORPORATION

13.9 HEXCEL CORPORATION

13.10 MITSUBISHI RAYON CO., LTD.

13.11 OTHER COMPANIES

13.11.1 CYTEC INDUSTRIES INC.

13.11.2 KEMROCK INDUSTRIES AND EXPORTS LIMITED

13.11.3 TAEKWANG INDUSTRIES CO LTD.

13.11.4 CARBON MODS

13.11.5 HEXION INC.

13.11.6 JOHNS MANVILLE CORPORATION

13.11.7 AGY HOLDINGS CORP.

*Details might not be captured in case of unlisted companies.

14 APPENDIX

14.1 INSIGHTS FROM INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 KNOWLEDGE STORE: MARKETSANDMARKETS SUBSCRIPTION PORTAL

14.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

14.5 AVAILABLE CUSTOMIZATIONS

14.6 RELATED REPORTS

14.7 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 THERMOSET COMPOSITES MARKET SIZE (VOLUME AND VALUE), 2014–2021

Table 2 TRENDS AND FORECAST OF GDP, USD BILLION (2015–2021)

Table 3 PER CAPITA GDP VS. PER CAPITA THERMOSET COMPOSITES DEMAND, 2015

Table 4 NUMBER OF NEW AIRPLANE DELIVERIES, BY REGION

Table 5 AUTOMOTIVE PRODUCTION, MILLION UNITS (2011–2015)

Table 6 CONTRIBUTION OF CONSTRUCTION INDUSTRY TO GDP, BY COUNTRY, USD BILLION (2014-2021)

Table 7 WIND ENERGY INSTALLATION, MW (2011–2015)

Table 8 THERMOSET COMPOSITES MARKET SIZE, BY FIBER TYPE, 2014-2021 (USD MILLION)

Table 9 THERMOSET COMPOSITES MARKET SIZE, BY FIBER TYPE, 2014-2021 (KILOTON)

Table 10 GLASS FIBER THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 11 GLASS FIBER THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014-2021 (KILOTON)

Table 12 CARBON FIBER THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 13 CARBON FIBER THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014-2021 (KILOTON)

Table 14 OTHER FIBERS COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 15 OTHER FIBERS COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 16 THERMOSET COMPOSITES MARKET SIZE, BY RESIN TYPE, 2014–2021 (USD MILLION)

Table 17 THERMOSET COMPOSITES MARKET SIZE, BY RESIN TYPE, 2014–2021 (KILOTON)

Table 18 POLYESTER RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 19 POLYESTER RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 20 VINYL ESTER RESIN-BASED THERMOSET COMPOSITES MARKET SIZE,

Thermoset Composites Market by Manufacturing Process (Lay-Up, Filament Winding, Injection Molding, Pultrusion)...

BY REGION, 2014–2021 (USD MILLION)

Table 21 VINYL ESTER RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 22 EPOXY RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 23 EPOXY RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 24 PHENOLIC RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 25 PHENOLIC RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 26 POLYURETHANE RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 27 POLYURETHANE RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, 2014–2021 (KILOTON)

Table 28 OTHER RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 29 OTHER RESIN-BASED THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 30 THERMOSET COMPOSITES MARKET SIZE, BY MANUFACTURING PROCESS, 2014–2021 (USD MILLION)

Table 31 THERMOSET COMPOSITES MARKET SIZE, BY MANUFACTURING PROCESS, 2014–2021 (KILOTON)

Table 32 LAY-UP MANUFACTURING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 33 LAY-UP MANUFACTURING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (KILOTON)

Table 34 FILAMENT WINDING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 35 FILAMENT WINDING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (KILOTON)

Table 36 INFUSION PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 37 INFUSION PROCESS IN THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 38 COMPRESSION MOLDING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 39 COMPRESSION MOLDING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (KILOTON)

Table 40 INJECTION MOLDING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 41 INJECTION MOLDING PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (KILOTON)

Table 42 PULTRUSION PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 43 PULTRUSION PROCESS IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (KILOTON)

Table 44 OTHER PROCESSES IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (USD MILLION)

Table 45 OTHER PROCESSES IN THERMOSET COMPOSITES MARKET, BY REGION, 2014–2021 (KILOTON)

Table 46 THERMOSET COMPOSITES MARKET SIZE, BY END-USE INDUSTRY, 2014-2021 (USD MILLION)

Table 47 THERMOSET COMPOSITES MARKET SIZE, BY END-USE INDUSTRY, 2014-2021 (KILOTON)

Table 48 DEMAND FOR AIRPLANES, BY REGION, 2015 TO 2034

Table 49 THERMOSET COMPOSITES MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2014-2021 (USD MILLION)

Table 50 THERMOSET COMPOSITES MARKET SIZE IN AEROSPACE & DEFENSE END-USE INDUSTRY, BY REGION, 2014-2021 (KILOTON)

Table 51 GERMANY: ANNUAL WIND ENERGY INSTALLATIONS, 2012–2015 (MW)

Table 52 FRANCE: ANNUAL WIND ENERGY INSTALLATIONS, 2012–2015 (MW)

Table 53 U.K.: ANNUAL WIND ENERGY INSTALLATIONS, 2012–2015 (MW)

Table 54 ASIA-PACIFIC: ANNUAL WIND ENERGY INSTALLATIONS, 2014–2015 (MW)

Table 55 THERMOSET COMPOSITES MARKET SIZE IN WIND ENERGY END-USE INDUSTRY, BY REGION, 2014–2021 (USD MILLION)

Table 56 THERMOSET COMPOSITES MARKET SIZE IN WIND ENERGY END-USE INDUSTRY, BY REGION, 2014–2021 (KILOTON)

Table 57 THERMOSET COMPOSITES MARKET SIZE IN TRANSPORTATION END-USE INDUSTRY, BY REGION, 2014-2021 (USD MILLION)

Table 58 THERMOSET COMPOSITES MARKET SIZE IN TRANSPORTATION END-USE INDUSTRY, BY REGION, 2014-2021 (KILOTON)

Table 59 THERMOSET COMPOSITES MARKET SIZE IN SPORTING GOODS END-USE INDUSTRY, BY REGION, 2014-2021 (USD MILLION)

Table 60 THERMOSET COMPOSITES MARKET SIZE IN SPORTING GOODS END-USE INDUSTRY, BY REGION, 2014-2021 (KILOTON)

Table 61 THERMOSET COMPOSITES MARKET SIZE IN MARINE END-USE

INDUSTRY, BY REGION, 2014–2021 (USD MILLION)

Table 62 THERMOSET COMPOSITES MARKET SIZE IN MARINE END-USE

INDUSTRY, BY REGION, 2014–2021 (KILOTON)

Table 63 THERMOSET COMPOSITES MARKET SIZE IN CONSTRUCTION & INFRASTRUCTURE END-USE INDUSTRY, BY REGION, 2014–2021 (USD MILLION)

Table 64 THERMOSET COMPOSITES MARKET SIZE IN CONSTRUCTION & INFRASTRUCTURE END-USE INDUSTRY, BY REGION, 2014–2021 (KILOTON)

Table 65 THERMOSET COMPOSITES MARKET SIZE IN PIPE & TANK END-USE INDUSTRY, BY REGION, 2014–2021 (USD MILLION)

Table 66 THERMOSET COMPOSITES MARKET SIZE IN PIPE & TANK END-USE INDUSTRY, BY REGION, 2014–2021 (KILOTON)

Table 67 THERMOSET COMPOSITES MARKET SIZE IN ELECTRICAL & ELECTRONICS END-USE INDUSTRY, BY REGION, 2014–2021 (USD MILLION)

Table 68 THERMOSET COMPOSITES MARKET IN ELECTRICAL & ELECTRONICS END-USE INDUSTRY, BY REGION, 2014–2021 (KILOTON)

Table 69 COMPOSITES MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2014–2021 (USD MILLION)

Table 70 THERMOSET COMPOSITES MARKET SIZE IN OTHER END-USE INDUSTRIES, BY REGION, 2014–2021 (KILOTON)

Table 71 THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 72 THERMOSET COMPOSITES MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

Table 73 NORTH AMERICA: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 74 NORTH AMERICA: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

Table 75 EUROPE: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 76 EUROPE: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

Table 77 ASIA-PACIFIC: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 78 ASIA-PACIFIC: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

Table 79 MIDDLE EAST & AFRICA: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 80 MIDDLE EAST & AFRICA: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

Table 81 LATIN AMERICA: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

Table 82 LATIN AMERICA: THERMOSET COMPOSITES MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

Table 83 EXPANSIONS, 2012–2016

Table 84 AGREEMENTS, PARTNERSHIPS & JOINT VENTURES, 2012–2016

Table 85 NEW PRODUCT LAUNCHES, 2012–2016

Table 86 MERGERS & ACQUISITIONS, 2012–2016

List Of Figures

LIST OF FIGURES

Figure 1 THERMOSET COMPOSITES: MARKET SEGMENTATION

Figure 2 THERMOSET COMPOSITES MARKET: RESEARCH METHODOLOGY

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 DATA TRIANGULATION

Figure 6 WIND ENERGY INDUSTRY TO DRIVE THE THERMOSET COMPOSITES MARKET DURING THE FORECAST PERIOD

Figure 7 POLYESTER-BASED THERMOSET COMPOSITES TO CAPTURE THE LARGEST SHARE DURING THE FORECAST PERIOD

Figure 8 LAY-UP PROCESS TO ACCOUNT FOR THE LARGEST SHARE OF THE THERMOSET COMPOSITES MARKET THROUGHOUT THE FORECAST PERIOD

Figure 9 GLASS FIBER THERMOSET COMPOSITES TO HOLD THE LARGEST SHARE OF THE THERMOSET COMPOSITES MARKET DURING THE FORECAST PERIOD

Figure 10 ASIA-PACIFIC DOMINATED THE THERMOSET COMPOSITES MARKET, IN TERMS OF VALUE IN 2015

Figure 11 ATTRACTIVE MARKET OPPORTUNITIES IN THE THERMOSET COMPOSITES MARKET, 2016–2021

Figure 12 GLASS FIBER TO DRIVE THE THERMOSET COMPOSITES MARKET BETWEEN 2016 AND 2021

Figure 13 NORTH AMERICA TO DRIVE THE THERMOSET COMPOSITES MARKET BETWEEN 2016 AND 2021

Figure 14 GERMANY TO GROW AT A HIGHER RATE IN THE GLOBAL THERMOSET COMPOSITES MARKET, DURING THE FORECASTED PERIOD

Figure 15 EPOXY RESIN TO DRIVE THE THERMOSET COMPOSITES MARKET BETWEEN 2016 AND 2021

Figure 16 WIND ENERGY TO WITNESS A LONG-TERM IMPACT ON THE THERMOSET COMPOSITES MARKET

Figure 17 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THE THERMOSET COMPOSITES MARKET

Figure 18 PORTER'S FIVE FORCES ANALYSIS

Figure 19 TRENDS AND FORECAST OF GDP, USD BILLION (2016–2021)

Figure 20 PER CAPITA GDP VS. PER CAPITA THERMOSET COMPOSITES DEMAND

Figure 21 NEW AIRPLANE DELIVERIES, BY REGION, 2015–2034

Figure 22 AUTOMOTIVE PRODUCTION IN KEY COUNTRIES, MILLION UNITS (2011 VS. 2015)

Figure 23 CONSTRUCTION INDUSTRY IN ASIA-PACIFIC TO CONTRIBUTE THE MAXIMUM TO THE GDP, USD BILLION, 2016–2021

Figure 24 WIND ENERGY INSTALLED CAPACITY, MW (2014–2015)

Figure 25 CARBON FIBER THERMOSET COMPOSITES TO OUTPACE OTHER FIBER TYPES DURING THE FORECAST PERIOD, (2016-2021)

Figure 26 ASIA-PACIFIC DOMINATES THE GLASS FIBER THERMOSET COMPOSITES MARKET

Figure 27 NORTH AMERICA TO CAPTURE THE LARGEST SHARE OF THE CARBON FIBER THERMOSET COMPOSITES MARKET

Figure 28 ASIA-PACIFIC TO CAPTURE THE LARGEST SHARE OF THE OTHER FIBER THERMOSET COMPOSITES MARKET

Figure 29 POLYESTER-BASED THERMOSET COMPOSITES TO GROW AT A HIGH RATE DURING THE FORECAST PERIOD

Figure 30 POLYESTER RESIN-BASED THERMOSET COMPOSITES MARKET TO GROW AT A HIGH RATE IN ASIA-PACIFIC

Figure 31 VINYL ESTER-BASED THERMOSET COMPOSITES MARKET IN ASIA-PACIFIC TO GROW AT HIGH RATE, DURING THE FORECAST PERIOD

Figure 32 EUROPE ACCOUNTS FOR THE LARGEST SHARE OF THE THERMOSET COMPOSITES MARKET BASED ON EPOXY RESIN

Figure 33 ASIA-PACIFIC TO GROW AT A HIGH RATE IN THE PHENOLIC RESIN-BASED THERMOSET COMPOSITES MARKET

Figure 34 POLYURETHANE-BASED THERMOSET COMPOSITES MARKET TO GROW AT A HIGH RATE IN NORTH AMERICA

Figure 35 NORTH AMERICA ACCOUNTS FOR THE LARGEST SHARE OF THE THERMOSET COMPOSITES MARKET BASED ON OTHER RESINS

Figure 36 LAY-UP MANUFACTURING PROCESS TO DOMINATE THE THERMOSET COMPOSITES MARKET IN THE NEXT FIVE YEARS

Figure 37 THERMOSET COMPOSITES MARKET IN ASIA-PACIFIC TO GROW AT A HIGHER RATE IN LAY-UP MANUFACTURING PROCESS

Figure 38 ASIA-PACIFIC TO BE THE MOST PROMISING MARKET FOR THERMOSET COMPOSITES, BY FILAMENT WINDING MANUFACTURING PROCESS

Figure 39 ASIA-PACIFIC TO WITNESS THE HIGHEST GROWTH RATE IN THERMOSET COMPOSITES MARKET BY INFUSION PROCESS

Figure 40 ASIA-PACIFIC TO ACCOUNT FOR THE LARGEST SHARE OF THERMOSET COMPOSITES MARKET, BY COMPRESSION MANUFACTURING

Figure 41 ASIA- PACIFIC TO BE THE MOST PROMISING MARKET FOR INJECTION

MOLDING PROCESS IN THERMOSET COMPOSITES MARKET

Figure 42 PULTRUSION TO BE THE MOST PROMISING PROCESS IN ASIA-PACIFIC FOR THERMOSET COMPOSITES

Figure 43 NORTH AMERICA TO BE THE FASTEST-GROWING REGION FOR OTHER MANUFACTURING PROCESSES OF THE THERMOSET COMPOSITES MARKET

Figure 44 WIND ENERGY INDUSTRY TO OUTPACE OTHER END-USE INDUSTRIES IN THERMOSET COMPOSITES MARKET

Figure 45 NORTH AMERICA TO ACCOUNT FOR THE LARGEST SHARE OF THE THERMOSET COMPOSITES MARKET IN AEROSPACE & DEFENSE END-USE INDUSTRY

Figure 46 ASIA-PACIFIC THERMOSET COMPOSITES MARKET IN WIND ENERGY END-USE INDUSTRY TO GROW AT A HIGH RATE

Figure 47 ASIA-PACIFIC TO DRIVE THE THERMOSET COMPOSITES MARKET IN TRANSPORTATION END-USE INDUSTRY

Figure 48 ASIA-PACIFIC TO DRIVE THE THERMOSET COMPOSITES MARKET IN SPORTING GOODS END-USE INDUSTRY

Figure 49 ASIA-PACIFIC TO CAPTURE THE LARGEST SHARE IN THE THERMOSET COMPOSITES MARKET IN CONSTRUCTION & INFRASTRUCTURE END-USE INDUSTRY

Figure 50 ASIA-PACIFIC TO ACCOUNT FOR THE LARGEST SHARE OF THE THERMOSET COMPOSITES MARKET IN PIPE & TANK END-USE INDUSTRY

Figure 51 ASIA-PACIFIC TO DRIVE THE THERMOSET COMPOSITES MARKET IN ELECTRICAL & ELECTRONICS END-USE INDUSTRY

Figure 52 NORTH AMERICA TO DRIVE THE THERMOSET COMPOSITES MARKET IN OTHER END-USE INDUSTRIES

Figure 53 GERMANY TO DRIVE THE THERMOSET COMPOSITES MARKET BY VALUE

Figure 54 U.S. IS THE MOST LUCRATIVE MARKET IN NORTH AMERICA

Figure 55 GERMANY IS THE FASTEST-GROWING THERMOSET COMPOSITES MARKET IN EUROPE

Figure 56 CHINA IS THE KEY THERMOSET COMPOSITES MARKET IN ASIA-PACIFIC

Figure 57 UAE TO BE THE FASTEST-GROWING COUNTRY FOR THERMOSET COMPOSITES MARKET IN MIDDLE EAST & AFRICA

Figure 58 BRAZIL TO BE THE FASTEST-GROWING COUNTRY FOR THERMOSET COMPOSITES MARKET IN LATIN AMERICA

Figure 59 COMPANIES ADOPTED EXPANSIONS AS THE KEY GROWTH STRATEGY BETWEEN 2012 AND 2016

Figure 60 KEY GROWTH STRATEGIES IN THE THERMOSET COMPOSITES

MARKET, 2012–2016

Figure 61 DEVELOPMENTS IN THE THERMOSET COMPOSITES MARKET,
2012–2016

Figure 62 OWENS CORNING.: THE LARGEST COMPANY IN THE THERMOSET
COMPOSITES MARKET

Figure 63 OWENS CORNING: COMPANY SNAPSHOT

Figure 64 TORAY INDUSTRIES INC.: COMPANY SNAPSHOT

Figure 65 TEIJIN LIMITED: COMPANY SNAPSHOT

Figure 66 SGL GROUP: COMPANY SNAPSHOT

Figure 67 PPG INDUSTRIES: COMPANY SNAPSHOT

Figure 68 HUNTSMAN CORPORATION: COMPANY SNAPSHOT

Figure 69 HEXCEL CORPORATION: COMPANY SNAPSHOT

Figure 70 MITSUBISHI RAYON CO., LTD.: COMPANY SNAPSHOT

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