

# Growth Opportunities in the South Africa Carbon Composites Market

<https://marketpublishers.com/r/GB536044CC7EN.html>

Date: February 2018

Pages: 115

Price: US\$ 4,850.00 (Single User License)

ID: GB536044CC7EN

## Abstracts

The future of the South Africa carbon composites market looks good with opportunities in aerospace/defense, transportation, and other industries. The end product market such as fuselage components, helicopter rotor blade, car & bike wheels, fuel tanks made with carbon composites in South Africa is forecast to grow at a CAGR of 2.7% from 2018 to 2023.

In this South Africa carbon composites market, aerospace/defense, transportation, sporting goods, and marine are the major end use industries.

A total of 56 figures / charts and 44 tables are provided in this 115 -page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of this South Africa carbon composites market report, download the report brochure.

South Africa Carbon Composites Market Trends  
South Africa Carbon Composites Material Market Forecast  
Growth Opportunities for South Africa Carbon Composites End Product Market

The study includes the market size and forecast for the South Africa carbon composites market through 2023, segmented as follows:

Carbon composites end product Market by End Use Industry [Value (\$M)] shipment analysis for 2012 – 2023]:

Aerospace/Defense Transportation Others

Carbon fiber prepreg market by End Use Industry [Volume (Million Pounds) and \$M shipment analysis for 2012 – 2023]:

Aerospace/Defense Transportation Others

Carbon fiber fabric market by End Use Industry [Volume (Million Pounds) and \$M shipment analysis for 2012 – 2023]:

Aerospace/Defense Transportation Others

Some of the South Africa carbon composites companies profiled in this report include Toray Industries Inc., Gurit, SEARTEX GmbH & Co. KG., TenCate Advanced Composites, Hexcel Corporation, SGL Carbon Group, and Teijin others.

Lucintel forecasts that aerospace/defense is expected to remain the largest segment by both value and volume. The aerospace/defense segment is expected to witness the highest growth during the forecast period supported by growing export of composite components in advanced aircraft designs.

Carbon fiber market includes both forms of material which are consumed directly as well as intermediate materials. Prepreg and fabric are the leading forms of carbon fiber intermediate materials. In terms of material, carbon fiber prepreg is expected to remain the largest segment due to its growing application area in aerospace/defense.

In South Africa, small tow carbon fiber holds the major share by volume and is expected to witness the highest growth over the forecast period.

Some of the features of “Growth Opportunities in the South Africa Carbon Composites Market” include:

Market size estimates: South Africa carbon composites market size estimation in terms of value (\$M) and volume (Million Pounds) shipment. Trend and forecast analysis: Market trend (2012-2017) and forecast (2018-2023) by segments. Segmentation analysis: South Africa carbon composites market size by various applications such as end use industry in terms of value and volume shipment. Growth opportunities: Analysis on growth opportunities in different applications of carbon composites in the South Africa carbon composites market. Strategic analysis: This includes M&A, new product development, and competitive landscape of carbon composites in the South Africa carbon composites market. Analysis of competitive intensity of the industry based on

Porter's Five Forces model.

This report answers following 5 key questions:

Q.1 What are some of the most promising potential, high-growth opportunities for the South Africa carbon composites market by end use industry (aerospace/defense, transportation, and others)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 What are the key factors affecting market dynamics? What are the drivers and challenges of the South Africa carbon composites market?

Q.4 What are the business risks and threats to the South Africa carbon composites market?

Q.5 Who are the major players in this South Africa carbon composites market? What strategic initiatives are being implemented by key players for business growth?

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. MARKET BACKGROUND AND CLASSIFICATIONS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023**

3.1: Macroeconomic Trends and Forecast

3.2: South Africa Carbon Composites End Product Market Trends and Forecast

3.3: South Africa Carbon Composites End Product Market by Industry

3.3.1: Aerospace/Defense

3.3.2: Transportation

3.3.3: Others

3.4: South Africa Carbon Composites Material Market

3.5: South Africa Carbon Fiber Prepreg Market

3.5.1: Aerospace/Defense

3.5.2: Transportation

3.5.3: Others

3.6: Global Carbon Fiber Fabric Market by End Use Industry

3.6.1: Aerospace/Defense

3.6.2: Transportation

3.6.3: Others

3.7: South Africa Carbon Fiber Market

3.8: South Africa Carbon Fiber Market by Tow Size

### **4. COMPETITOR ANALYSIS**

4.1: Product Portfolio Analysis

4.2: Porter's Five Forces Analysis

### **5. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

5.1: Growth Opportunity Analysis

5.1.1: Growth Opportunities for the South Africa Carbon Composites End Product

## Market by Industry

5.1.2: Growth Opportunities for the South Africa Carbon Fiber Prepreg Market by End Use Industry

5.1.3: Growth Opportunities for the South Africa Carbon Fiber Fabric Market by End Use Industry

5.2: Strategic Initiatives for South Africa Carbon Composites Market

## **6. VALUE CHAIN AND CUSTOMER ANALYSIS**

6.1: Value Chain Analysis

6.2: Customer Analysis

6.2.1: Aerosud Holdings (Pty) Limited

6.2.2: Denel Aerostructures

6.2.3: AAT Composites (Pty) Limited

6.2.4: Blackstone TEK

6.2.5: Custom Works Composites Engineering

6.2.6: TLT MechCal (Pty) Limited

6.2.7: Southern Spars

6.2.8: Aeroservices (Pty) Limited

## **7. COMPANY PROFILES OF LEADING PLAYERS**

7.1: Toray Industries Inc.

7.2: Gurit

7.3: SAERTEX GmbH & Co. KG

7.4: TenCate Advanced Composites

7.5: Hexcel Corporation

7.6: SGL Carbon Group

7.7: Teijin Limited

## List Of Figures

### LIST OF FIGURES

#### CHAPTER 2. MARKET BACKGROUND AND CLASSIFICATIONS

- Figure 2.1: Fabrication and Applications of Different Carbon Fiber Materials
- Figure 2.2: Typical Continuous Carbon Fiber
- Figure 2.3: Typical Chopped Carbon Fiber
- Figure 2.4: Typical Milled Fiber
- Figure 2.5: Schematic of Thermoplastic Tape Processing
- Figure 2.6: Prepreg Making Machine (Source: Century Design)
- Figure 2.7: Prepreg Sheet
- Figure 2.8: South Africa Carbon Fiber Market Classification by End Use Industry
- Figure 2.9: Supply Chain of the South Africa Carbon Composites Market
- Figure 2.10: Major Drivers and Challenges for the South Africa Carbon Composites Market

#### CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

- Figure 3.1: Trends of South Africa's GDP Growth Rate (2012-2017)
- Figure 3.2: Trends of the Airbus and Boeing Aircraft Deliveries (2012-2017) (Source: Lucintel)
- Figure 3.3: Forecast for the Global GDP Growth Rate
- Figure 3.4: Forecast for the Airbus and Boeing Aircraft Deliveries (2018-2023)
- Figure 3.5: Trends and Forecast for the South Africa Carbon Composites End Product Market (2012-2023)
- Figure 3.6: Trends of the South Africa Carbon Composites End Product Market (\$M) (2012-2017)
- Figure 3.7: Forecast for the South Africa Carbon Composites Market (\$M) by End Use Industry (2018-2023)
- Figure 3.8: Trends and Forecast for Aerospace/Defense in the South Africa Carbon Composites End Product Market (2012-2023)
- Figure 3.9: Trends and Forecast for Transportation in the South Africa Carbon Composites End Product Market (2012-2023)
- Figure 3.10: Trends and Forecast for Others in the South Africa Carbon Composites End Product Market (2012-2023)
- Figure 3.11: Trends of the South Africa Carbon Composites Material Market (\$M) (2012-2017)

Figure 3.12: Forecast for the South Africa Carbon Composites Material Market (\$M) by (2018-2023)

Figure 3.13: Trends of the South Africa Carbon Composites Material Market (M lbs) (2012-2017)

Figure 3.14: Forecast for the South Africa Carbon Composites Material Market (M lbs) (2018-2023)

Figure 3.15: Trends of the South Africa Carbon Fiber Prepreg Market (\$M) by End Use Industry 2012 to 2017

Figure 3.16: Forecast for the South Africa Carbon Fiber Prepreg Market (\$M) by End Use Industry (2018-2023)

Figure 3.17: Trends of the South Africa Carbon Fiber Prepreg Market (M lbs) by End Use Industry (2012-2017)

Figure 3.18: Forecast for the South Africa Carbon Fiber Prepreg Market (M lbs) by End Use Industry (2018-2023)

Figure 3.19: Trends and Forecast for South Africa Carbon Fiber Prepreg Market in Aerospace/Defense (2012-2023)

Figure 3.20: Trends and Forecast for South Africa Carbon Fiber Prepreg Market in Transportation (2012-2023)

Figure 3.21: Trends and Forecast for South Africa Carbon Fiber Prepreg Market in Others (2012-2023)

Figure 3.22: Trends of the South Africa Carbon Fiber Fabric Market (\$M) by End Use Industry (2012-2017))

Figure 3.23: Forecast for the South Africa Carbon Fiber Fabric Market (\$M) by End Use Industry (2018-2023)

Figure 3.24: Trends of the South Africa Carbon Fiber Fabric Market (M lbs) by End Use Industry (2012-2017)

Figure 3.25: Forecast for the South Africa Carbon Fiber Fabric Market (M lbs) by End Use Industry (2018-2023)

Figure 3.26: Trends and Forecast for South Africa Carbon Fiber Fabric in Aerospace/Defense (2012-2023)

Figure 3.27: Trends and Forecast for the South Africa Carbon Fiber Fabric in Transportation (2012-2023)

Figure 3.28: Trends and Forecast for South Africa Carbon Fiber Fabric Market in Other Industries (2012-2023)

Figure 3.29: Trends of the South Africa Carbon Fiber Market (\$M) (2012-2017)

Figure 3.30: Forecast for the South Africa Carbon Fiber Market (\$M) by End Use Industry (2018-2023)

Figure 3.31: Trends of the South Africa Carbon Fiber Market (M lbs) (2012-2017)

Figure 3.32: Forecast for the South Africa Carbon Fiber Market (M lbs) (2018-2023)

Figure 3.33: Trends and Forecast for Carbon Fiber Consumption (\$M) in South Africa by Tow Size (2012-2023)

## **CHAPTER 4. COMPETITOR ANALYSIS**

Figure 4.1: Porter's Five Forces Analysis for the South Africa Carbon composites Market (Source: Lucintel)

## **CHAPTER 5. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

Figure 5.1: Growth Opportunities for South Africa Carbon Composites End Product Market

Figure 5.2: Forecast for the South Africa Carbon Fiber Prepreg Market by End Use Industry (2018-2023)

Figure 5.3: Forecast for the South Africa Carbon Fiber Fabric Market (\$ M) by End Use Industry (2017-2022)

Figure 5.4: Strategic Initiatives in the South Africa Carbon Composites Market (Source: Lucintel)

## **CHAPTER 6. VALUE CHAIN AND CUSTOMER ANALYSIS**

Figure 6.1: Value Chain Analysis of the South Africa Carbon Composites Market

## **CHAPTER 7. COMPANY PROFILES OF LEADING PLAYERS**

Figure 7.1: Major Plant Locations of Toray Carbon Fiber, Prepreg and Fabric Business

Figure 7.2: Major Plant Locations of Gurit Carbon Fabric and Prepreg Business

Figure 7.3: Headquarter of SAERTEX GmbH & Corporation KG

Figure 7.4: Major Plant Locations of TenCate Advanced Composites Carbon Fabric and Prepreg Business

Figure 7.5: Major Plant Locations of Hexcel Corporation Carbon Fabric and Prepreg Business

Figure 7.6: Headquarter of SGL Carbon Group

Figure 7.7: Headquarter of Teijin (TohoTenax) Limited



## List Of Tables

### LIST OF TABLES

#### CHAPTER 1. EXECUTIVE SUMMARY

Table 1.1: South Africa Carbon Composites Market Parameters and Attributes- Material Market Perspective

Table 1.2: South Africa Carbon Composites Market Parameters and Attributes- End Product Market Perspective

#### CHAPTER 3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2012 TO 2023

Table 3.1: Trends of the South Africa Carbon Composites End Product Market (2012-2017)

Table 3.2: Forecast for the South Africa Carbon Composites End Product Market (2017-2023)

Table 3.3: Market Size and CAGR of Various End Use Industries in the South Africa Carbon Composites Market by Value (2012-2017)

Table 3.4: Market Size and CAGR of South Africa Carbon Composites End Product Market by Value (2018-2023)

Table 3.5: Trends of South Africa Carbon Composites End Product Market in Aerospace/Defense (2012-2017)

Table 3.6: Forecast for South Africa Carbon Composites End Product Market in Aerospace/Defense (2018-2023)

Table 3.7: Trends of South Africa Carbon Composites End Product Market in Transportation (2012-2017)

Table 3.8: Forecast for South Africa Carbon Composites End Product Market in Transportation (2018-2023)

Table 3.9: Trends of South Africa Carbon Composites End Product Market in Others (2012-2017)

Table 3.10: Forecast for South Africa Carbon Composites End Product Market in Others (2018-2023)

Table 3.11: Market Size and CAGR of Various Material Types in the South Africa Carbon Composites Market by Value (2012-2017)

Table 3.12: Market Size and CAGR of Various Material Types in the South Africa Carbon Composites Market by Value (2018-2023)

Table 3.13: Market Size and CAGR of Various Material Types in the South Africa Carbon Composites Market by Volume (2012-2017)

Table 3.14: Market Size and CAGR of Various Material Types in the South Africa Carbon Composites Market by Volume (2018-2023)

Table 3.15: Market Size and CAGR of Various End Use Industries in the South Africa Carbon Fiber Prepreg Market by Value (2012-2017)

Table 3.16: Market Size and CAGR of Various End Use Industries in the South Africa Carbon Fiber Prepreg Market by Value (2018-2023)

Table 3.17: Market Size and of Various End Use Industries of the South Africa Carbon Fiber Prepreg Market by Volume (2012-2017)

Table 3.18: Market Size and CAGR of Various End Use Industries of the South Africa Carbon Fiber Prepreg Market by Volume (2018-2023)

Table 3.19: Trends of South Africa Carbon Fiber Prepreg Market in Aerospace/Defense (2012-2017)

Table 3.20: Forecast for South Africa Carbon Fiber Prepreg Market in Aerospace/Defense (2018-2023)

Table 3.21: Trends of South Africa Carbon Fiber Prepreg Market in Transportation (2012-2017)

Table 3.22: Forecast for South Africa Carbon Fiber Prepreg Market in Transportation (2018-2023)

Table 3.23: Trends of South Africa Carbon Fiber Prepreg Market in Other Industries (2012-2017)

Table 3.24: Forecast for South Africa Carbon Fiber Prepreg Market in Other Industries (2018-2023)

Table 3.25: Market Size and CAGR of Various End Use Industries in the South Africa Carbon Fiber Fabric Market by Value (2012-2017)

Table 3.26: Market Size and CAGR of Various End Use Industries in the South Africa Carbon Fiber Fabric Market by Value (2018-2023)

Table 3.27: Market Size and of Various End Use Industries of the South Africa Carbon Fiber Fabric Market by Volume (2012-2017)

Table 3.28: Market Size and CAGR of Various End Use Industries of the South Africa Carbon Fiber Fabric Market by Volume (2018-2023)

Table 3.29: Trends of South Africa Carbon Fiber Fabric Market in Aerospace/Defense (2012-2017)

Table 3.30: Forecast for South Africa Carbon Fiber Fabric Market in Aerospace/Defense (2018-2023)

Table 3.31: Trends of the South Africa Carbon Fiber Fabric Market in Transportation (2012-2017)

Table 3.32: Forecast for South Africa Carbon Fiber Fabric Market in Transportation (2018-2023)

Table 3.33: Trends of South Africa Carbon Fiber Fabric Market in Other Industries

(2012-2017)

Table 3.34: Forecast for South Africa Carbon Fiber Market in Other Industries

(2018-2023)

Table 3.35: Market Size and CAGR of Carbon Fiber in the South Africa Carbon Fiber Market by Value (2012-2017)

Table 3.36: Market Size and CAGR of Various End Use Industries in South Africa by Value (2017-2023)

Table 3.37: Market Size and CAGR of Carbon Fiber in South Africa by Volume (2012-2017)

Table 3.38: Market Size and CAGR of Various End Use Industries of South Africa by Volume (2018-2023)

Table 3.39: Market Size of Different Tow Sizes of the South Africa Carbon Fiber Market by Volume (2012-2017)

Table 3.40: Market Size of Different Tow Sizes of the South Africa Carbon Fiber Market by Volume (2018-2023)

## **CHAPTER 4. COMPETITOR ANALYSIS**

Table 4.1: Product Mapping of Carbon Fiber, Carbon Prepreg and Fabric Suppliers Based on Markets Material Supplied

## **CHAPTER 6. VALUE CHAIN AND CUSTOMER ANALYSIS**

Table 6.1: List of Composite Parts Manufactured by Major South African Part Fabricators

## I would like to order

Product name: Growth Opportunities in the South Africa Carbon Composites Market

Product link: <https://marketpublishers.com/r/GB536044CC7EN.html>

Price: US\$ 4,850.00 (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/GB536044CC7EN.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