

# Reinforcement Materials Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/RF24D671F4A6EN.html>

Date: June 2023

Pages: 141

Price: US\$ 2,499.00 (Single User License)

ID: RF24D671F4A6EN

## Abstracts

The global reinforcement materials market size reached US\$ 20.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 30.5 Billion by 2028, exhibiting a growth rate (CAGR) of 6.8% during 2023-2028.

Reinforcement materials are added to the matrix material to enhance the physical and mechanical properties of the final composite product. They are hard, strong, rigid, and available in the forms of fibers, fillers, flakes, and particulates. They are widely used in fishing rods, storage tanks, and aircraft parts on account of their low cost and high corrosion resistance. They also find application in the manufacturing of electronics, paints, coatings, and various other industrial items. Nowadays, manufacturers across the globe are introducing green reinforcement materials derived from plant and animal-based biomass, such as wood cellulose.

### Reinforcement Materials Market Trends:

There is currently an increase in the need for swabs, disposable masks, and personal protective equipment (PPE) on account of the growing coronavirus disease (COVID-19) patients. This represents one of the key factors positively influencing the utilization of reinforcement materials in the healthcare industry. Apart from this, the rising consumer spending in real estate properties is augmenting the employment of reinforcement materials in the construction industry for imparting tensile strength and ductility to concrete structures. Additionally, increasing investments in infrastructural projects are propelling the use of geotextiles or reinforcement materials to increase soil stability, provide erosion control, and aid in drainage. Besides this, the escalating demand for run-flat and ultra-high-speed tires is increasing the adoption of reinforcement textiles in bicycles, earthmovers, heavy-duty trucks, and space shuttle landing gear across the

globe. Moreover, as reinforcement fibers are tough and resistant to organic solvents, fuels, and lubricants, they are widely utilized in ballistic applications across the defense industry. Furthermore, market players are introducing polyester and nylon thermoplastic fibers with attractive features, including low density and good impact and fatigue resistance, which is creating a favorable market outlook.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global reinforcement materials market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on material type, application and end use industry.

#### Breakup by Material Type:

- Glass Fiber
- Carbon Fiber
- Aramid Fiber
- Natural Fiber
- Others

#### Breakup by Application:

- Composite
- Concrete
- Others

#### Breakup by End Use Industry:

- Aerospace and Defense
- Construction
- Transportation
- Wind Energy
- Industrial and Consumer Goods
- Others

#### Breakup by Region:

- North America
- United States

Canada  
Asia-Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BASF SE, Century Enka Limited, Cordenka GmbH & Co. KG, Dupont De Nemours Inc., Formosa Taffeta Co. Ltd., Honeywell International Inc., Hyosung Advanced Materials, Kolon Industries Inc., N.V. Bekaert S.A., Teijin Limited, Toray Industries Inc and Toyobo Co. Ltd.

#### Key Questions Answered in This Report

1. What was the size of the global reinforcement materials market in 2022?
2. What is the expected growth rate of the global reinforcement materials market during 2023-2028?
3. What are the key factors driving the global reinforcement materials market?
4. What has been the impact of COVID-19 on the global reinforcement materials market?
5. What is the breakup of the global reinforcement materials market based on the

material type?

6. What is the breakup of the global reinforcement materials market based on the end use industry?

7. What are the key regions in the global reinforcement materials market?

8. Who are the key players/companies in the global reinforcement materials market?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL REINFORCEMENT MATERIALS MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY MATERIAL TYPE**

- 6.1 Glass Fiber
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Carbon Fiber
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Aramid Fiber

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Natural Fiber
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Others
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast

## **7 MARKET BREAKUP BY APPLICATION**

- 7.1 Composite
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Concrete
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Others
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast

## **8 MARKET BREAKUP BY END USE INDUSTRY**

- 8.1 Aerospace and Defense
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Construction
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Transportation
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 8.4 Wind Energy
  - 8.4.1 Market Trends
  - 8.4.2 Market Forecast
- 8.5 Industrial and Consumer Goods
  - 8.5.1 Market Trends
  - 8.5.2 Market Forecast
- 8.6 Others

8.6.1 Market Trends

8.6.2 Market Forecast

## **9 MARKET BREAKUP BY REGION**

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

- 9.3.2.1 Market Trends
- 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
  - 9.3.3.1 Market Trends
  - 9.3.3.2 Market Forecast
- 9.3.4 Italy
  - 9.3.4.1 Market Trends
  - 9.3.4.2 Market Forecast
- 9.3.5 Spain
  - 9.3.5.1 Market Trends
  - 9.3.5.2 Market Forecast
- 9.3.6 Russia
  - 9.3.6.1 Market Trends
  - 9.3.6.2 Market Forecast
- 9.3.7 Others
  - 9.3.7.1 Market Trends
  - 9.3.7.2 Market Forecast
- 9.4 Latin America
  - 9.4.1 Brazil
    - 9.4.1.1 Market Trends
    - 9.4.1.2 Market Forecast
  - 9.4.2 Mexico
    - 9.4.2.1 Market Trends
    - 9.4.2.2 Market Forecast
  - 9.4.3 Others
    - 9.4.3.1 Market Trends
    - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
  - 9.5.1 Market Trends
  - 9.5.2 Market Breakup by Country
  - 9.5.3 Market Forecast

## **10 SWOT ANALYSIS**

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats



## **11 VALUE CHAIN ANALYSIS**

## **12 PORTERS FIVE FORCES ANALYSIS**

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

## **13 PRICE ANALYSIS**

## **14 COMPETITIVE LANDSCAPE**

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
  - 14.3.1 BASF SE
    - 14.3.1.1 Company Overview
    - 14.3.1.2 Product Portfolio
    - 14.3.1.3 Financials
    - 14.3.1.4 SWOT Analysis
  - 14.3.2 Century Enka Limited
    - 14.3.2.1 Company Overview
    - 14.3.2.2 Product Portfolio
    - 14.3.2.3 Financials
  - 14.3.3 Cordenka GmbH & Co. KG
    - 14.3.3.1 Company Overview
    - 14.3.3.2 Product Portfolio
  - 14.3.4 Dupont De Nemours Inc.
    - 14.3.4.1 Company Overview
    - 14.3.4.2 Product Portfolio
    - 14.3.4.3 Financials
    - 14.3.4.4 SWOT Analysis
  - 14.3.5 Formosa Taffeta Co. Ltd.
    - 14.3.5.1 Company Overview
    - 14.3.5.2 Product Portfolio

- 14.3.5.3 Financials
- 14.3.6 Honeywell International Inc.
  - 14.3.6.1 Company Overview
  - 14.3.6.2 Product Portfolio
  - 14.3.6.3 Financials
  - 14.3.6.4 SWOT Analysis
- 14.3.7 Hyosung Advanced Materials
  - 14.3.7.1 Company Overview
  - 14.3.7.2 Product Portfolio
  - 14.3.7.3 Financials
- 14.3.8 Kolon Industries Inc.
  - 14.3.8.1 Company Overview
  - 14.3.8.2 Product Portfolio
  - 14.3.8.3 Financials
  - 14.3.8.4 SWOT Analysis
- 14.3.9 N.V. Bekaert S.A.
  - 14.3.9.1 Company Overview
  - 14.3.9.2 Product Portfolio
  - 14.3.9.3 Financials
- 14.3.10 Teijin Limited
  - 14.3.10.1 Company Overview
  - 14.3.10.2 Product Portfolio
  - 14.3.10.3 Financials
  - 14.3.10.4 SWOT Analysis
- 14.3.11 Toray Industries Inc
  - 14.3.11.1 Company Overview
  - 14.3.11.2 Product Portfolio
  - 14.3.11.3 Financials
  - 14.3.11.4 SWOT Analysis
- 14.3.12 Toyobo Co. Ltd
  - 14.3.12.1 Company Overview
  - 14.3.12.2 Product Portfolio
  - 14.3.12.3 Financials
  - 14.3.12.4 SWOT Analysis

## List Of Tables

### LIST OF TABLES

Table 1: Global: Reinforcement Materials Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Reinforcement Materials Market Forecast: Breakup by Material Type (in Million US\$), 2023-2028

Table 3: Global: Reinforcement Materials Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Reinforcement Materials Market Forecast: Breakup by End Use Industry (in Million US\$), 2023-2028

Table 5: Global: Reinforcement Materials Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Reinforcement Materials Market: Competitive Structure

Table 7: Global: Reinforcement Materials Market: Key Players

## List Of Figures

### LIST OF FIGURES

Figure 1: Global: Reinforcement Materials Market: Major Drivers and Challenges

Figure 2: Global: Reinforcement Materials Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Reinforcement Materials Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Reinforcement Materials Market: Breakup by Material Type (in %), 2022

Figure 5: Global: Reinforcement Materials Market: Breakup by Application (in %), 2022

Figure 6: Global: Reinforcement Materials Market: Breakup by End Use Industry (in %), 2022

Figure 7: Global: Reinforcement Materials Market: Breakup by Region (in %), 2022

Figure 8: Global: Reinforcement Materials (Glass Fiber) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Reinforcement Materials (Glass Fiber) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Reinforcement Materials (Carbon Fiber) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Reinforcement Materials (Carbon Fiber) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Reinforcement Materials (Aramid Fiber) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Reinforcement Materials (Aramid Fiber) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Reinforcement Materials (Natural Fiber) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Reinforcement Materials (Natural Fiber) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Reinforcement Materials (Other Material Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Reinforcement Materials (Other Material Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Reinforcement Materials (Composite) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Reinforcement Materials (Composite) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Reinforcement Materials (Concrete) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Reinforcement Materials (Concrete) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Reinforcement Materials (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Reinforcement Materials (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Reinforcement Materials (Aerospace and Defense) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Reinforcement Materials (Aerospace and Defense) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Reinforcement Materials (Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Reinforcement Materials (Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Reinforcement Materials (Transportation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Reinforcement Materials (Transportation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Reinforcement Materials (Wind Energy) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Reinforcement Materials (Wind Energy) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Reinforcement Materials (Industrial and Consumer Goods) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Reinforcement Materials (Industrial and Consumer Goods) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Reinforcement Materials (Other End Use Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Reinforcement Materials (Other End Use Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: North America: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: North America: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: United States: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: United States: Reinforcement Materials Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 40: Canada: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Canada: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Asia-Pacific: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Asia-Pacific: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: China: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: China: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Japan: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Japan: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: India: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: India: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: South Korea: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: South Korea: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Australia: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Australia: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Indonesia: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Indonesia: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Others: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Others: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Europe: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Europe: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Germany: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Germany: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: France: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: France: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: United Kingdom: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: United Kingdom: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Italy: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Italy: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Spain: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Spain: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Russia: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Russia: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Others: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Others: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Latin America: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Latin America: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Brazil: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Brazil: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Mexico: Reinforcement Materials Market: Sales Value (in Million US\$), 2017

& 2022

Figure 79: Mexico: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Others: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Others: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Middle East and Africa: Reinforcement Materials Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Middle East and Africa: Reinforcement Materials Market: Breakup by Country (in %), 2022

Figure 84: Middle East and Africa: Reinforcement Materials Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Global: Reinforcement Materials Industry: SWOT Analysis

Figure 86: Global: Reinforcement Materials Industry: Value Chain Analysis

Figure 87: Global: Reinforcement Materials Industry: Porter's Five Forces Analysis



## I would like to order

Product name: Reinforcement Materials Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/RF24D671F4A6EN.html>

Price: US\$ 2,499.00 (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/RF24D671F4A6EN.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

