

Honeycomb Sandwich Material Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

<https://marketpublishers.com/r/HCB349121442EN.html>

Date: May 2022

Pages: 143

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

ID: HCB349121442EN

Abstracts

The global honeycomb sandwich material market reached a value of US\$ 1.6 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 2.1 Billion by 2027, exhibiting a CAGR of 4.3% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Honeycomb sandwich is a structure used in automobile, space structures and aircraft flight control surfaces, such as aileron, spoiler, rudder, and flap. It is made using three layers wherein a low-density core is inserted between two relatively thin layers for reducing its weight and improving its mechanical properties. As it offers high strength, stiffness, and corrosive resistance, there is a rise in the adoption of these materials across the globe.

Honeycomb Sandwich Material Market Trends:

Increasing investments in satellite manufacturing, along with the growing production of aircraft, represents one of the key factors positively influencing the demand for honeycomb sandwich materials around the world. Moreover, their expanding application in the automotive and other end-use industries due to the lightweight attribute, which further helps in improving fuel efficiency, is strengthening the growth of the market. Apart from this, the escalating demand for durable and environment-friendly packaging solutions is also impelling the market growth. Furthermore, due to the coronavirus disease (COVID-19) outbreak and consequent implementation of lockdown restrictions, the manufacturing sector experienced a negative impact. This can be accredited to the complete shutdown of the manufacturing units of different industry verticals and

hindrances caused in the distribution channel worldwide. As the sector plays a pivotal role in the economy of a country, governments of numerous countries are coming up to provide support. This, coupled with the rising development of new products, increasing supply agreements with other companies and acquisition of smaller companies by several players, is creating a positive outlook for the market. In addition, the rising usage of 3D printing to manufacture honeycomb panels is anticipated to fuel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global honeycomb sandwich material market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on material type, technology and application.

Breakup by Material Type:

- Aluminum
- Steel
- Composites
- Titanium
- Inconel
- Others

Breakup by Technology:

- Expansion
- Corrugation
- Molding
- Extrusion
- Others

Breakup by Application:

- Aerospace
- Automotive
- Marine
- Locomotive
- Construction
- 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 3M Company, B.S. Innovation, Corex Honeycomb (Encocam Ltd), EconCore N.V., General Veneer Manufacturing Co., Hexcel Corporation, Honylite Private Limited, Pacific Panels Inc., Samia Canada Inc., Sch?tz GmbH & Co. KGaA and The Gill Corporation.

Key Questions Answered in This Report:

How has the global honeycomb sandwich material market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global honeycomb sandwich material market?

What are the key regional markets?

What is the breakup of the market based on the material type?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global honeycomb sandwich material market and who are the key players?

What is the degree of competition in the industry?

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 HONEYCOMB SANDWICH MATERIAL 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 Aluminum
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Steel
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Composites

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Titanium
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Inconel
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY TECHNOLOGY

- 7.1 Expansion
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Corrugation
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Molding
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Extrusion
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Aerospace
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Automotive
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Marine

- 8.3.1 Market Trends
- 8.3.2 Market Forecast
- 8.4 Locomotive
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Construction
 - 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 3M Company
 - 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 B.S. Innovation
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Corex Honeycomb (Encocam Ltd)
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio

- 14.3.4 EconCore N.V.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
- 14.3.5 General Veneer Manufacturing Co.
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
- 14.3.6 Hexcel Corporation
 - 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 Honylite Private Limited
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Pacific Panels Inc.
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Samia Canada Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Sch?tz GmbH & Co. KGaA
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 The Gill Corporation
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Honeycomb Sandwich Material Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Honeycomb Sandwich Material Market Forecast: Breakup by Material Type (in Million US\$), 2022-2027

Table 3: Global: Honeycomb Sandwich Material Market Forecast: Breakup by Technology (in Million US\$), 2022-2027

Table 4: Global: Honeycomb Sandwich Material Market Forecast: Breakup by Application (in Million US\$), 2022-2027

Table 5: Global: Honeycomb Sandwich Material Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 6: Global: Honeycomb Sandwich Material Market: Competitive Structure

Table 7: Global: Honeycomb Sandwich Material Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Honeycomb Sandwich Material Market: Major Drivers and Challenges

Figure 2: Global: Honeycomb Sandwich Material Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Honeycomb Sandwich Material Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Honeycomb Sandwich Material Market: Breakup by Material Type (in %), 2021

Figure 5: Global: Honeycomb Sandwich Material Market: Breakup by Technology (in %), 2021

Figure 6: Global: Honeycomb Sandwich Material Market: Breakup by Application (in %), 2021

Figure 7: Global: Honeycomb Sandwich Material Market: Breakup by Region (in %), 2021

Figure 8: Global: Honeycomb Sandwich Material (Aluminum) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 9: Global: Honeycomb Sandwich Material (Aluminum) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 10: Global: Honeycomb Sandwich Material (Steel) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 11: Global: Honeycomb Sandwich Material (Steel) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 12: Global: Honeycomb Sandwich Material (Composites) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 13: Global: Honeycomb Sandwich Material (Composites) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 14: Global: Honeycomb Sandwich Material (Titanium) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 15: Global: Honeycomb Sandwich Material (Titanium) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 16: Global: Honeycomb Sandwich Material (Inconel) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 17: Global: Honeycomb Sandwich Material (Inconel) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 18: Global: Honeycomb Sandwich Material (Other Material Types) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 19: Global: Honeycomb Sandwich Material (Other Material Types) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 20: Global: Honeycomb Sandwich Material (Expansion) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 21: Global: Honeycomb Sandwich Material (Expansion) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 22: Global: Honeycomb Sandwich Material (Corrugation) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 23: Global: Honeycomb Sandwich Material (Corrugation) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 24: Global: Honeycomb Sandwich Material (Molding) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 25: Global: Honeycomb Sandwich Material (Molding) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 26: Global: Honeycomb Sandwich Material (Extrusion) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 27: Global: Honeycomb Sandwich Material (Extrusion) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 28: Global: Honeycomb Sandwich Material (Other Technologies) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 29: Global: Honeycomb Sandwich Material (Other Technologies) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 30: Global: Honeycomb Sandwich Material (Aerospace) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 31: Global: Honeycomb Sandwich Material (Aerospace) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 32: Global: Honeycomb Sandwich Material (Automotive) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 33: Global: Honeycomb Sandwich Material (Automotive) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 34: Global: Honeycomb Sandwich Material (Marine) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 35: Global: Honeycomb Sandwich Material (Marine) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 36: Global: Honeycomb Sandwich Material (Locomotive) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 37: Global: Honeycomb Sandwich Material (Locomotive) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 38: Global: Honeycomb Sandwich Material (Construction) Market: Sales Value

(in Million US\$), 2016 & 2021

Figure 39: Global: Honeycomb Sandwich Material (Construction) Market Forecast:
Sales Value (in Million US\$), 2022-2027

Figure 40: Global: Honeycomb Sandwich Material (Other Applications) Market: Sales
Value (in Million US\$), 2016 & 2021

Figure 41: Global: Honeycomb Sandwich Material (Other Applications) Market Forecast:
Sales Value (in Million US\$), 2022-2027

Figure 42: North America: Honeycomb Sandwich Material Market: Sales Value (in
Million US\$), 2016 & 2021

Figure 43: North America: Honeycomb Sandwich Material Market Forecast: Sales Value
(in Million US\$), 2022-2027

Figure 44: United States: Honeycomb Sandwich Material Market: Sales Value (in Million
US\$), 2016 & 2021

Figure 45: United States: Honeycomb Sandwich Material Market Forecast: Sales Value
(in Million US\$), 2022-2027

Figure 46: Canada: Honeycomb Sandwich Material Market: Sales Value (in Million
US\$), 2016 & 2021

Figure 47: Canada: Honeycomb Sandwich Material Market Forecast: Sales Value (in
Million US\$), 2022-2027

Figure 48: Asia-Pacific: Honeycomb Sandwich Material Market: Sales Value (in Million
US\$), 2016 & 2021

Figure 49: Asia-Pacific: Honeycomb Sandwich Material Market Forecast: Sales Value
(in Million US\$), 2022-2027

Figure 50: China: Honeycomb Sandwich Material Market: Sales Value (in Million US\$),
2016 & 2021

Figure 51: China: Honeycomb Sandwich Material Market Forecast: Sales Value (in
Million US\$), 2022-2027

Figure 52: Japan: Honeycomb Sandwich Material Market: Sales Value (in Million US\$),
2016 & 2021

Figure 53: Japan: Honeycomb Sandwich Material Market Forecast: Sales Value (in
Million US\$), 2022-2027

Figure 54: India: Honeycomb Sandwich Material Market: Sales Value (in Million US\$),
2016 & 2021

Figure 55: India: Honeycomb Sandwich Material Market Forecast: Sales Value (in
Million US\$), 2022-2027

Figure 56: South Korea: Honeycomb Sandwich Material Market: Sales Value (in Million
US\$), 2016 & 2021

Figure 57: South Korea: Honeycomb Sandwich Material Market Forecast: Sales Value
(in Million US\$), 2022-2027

Figure 58: Australia: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 59: Australia: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 60: Indonesia: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 61: Indonesia: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 62: Others: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 63: Others: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 64: Europe: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 65: Europe: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 66: Germany: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 67: Germany: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 68: France: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 69: France: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 70: United Kingdom: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 71: United Kingdom: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 72: Italy: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 73: Italy: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 74: Spain: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 75: Spain: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 76: Russia: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 77: Russia: Honeycomb Sandwich Material Market Forecast: Sales Value (in

Million US\$), 2022-2027

Figure 78: Others: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 79: Others: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 80: Latin America: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 81: Latin America: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 82: Brazil: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 83: Brazil: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 84: Mexico: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 85: Mexico: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 86: Others: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 87: Others: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 88: Middle East and Africa: Honeycomb Sandwich Material Market: Sales Value (in Million US\$), 2016 & 2021

Figure 89: Middle East and Africa: Honeycomb Sandwich Material Market: Breakup by Country (in %), 2021

Figure 90: Middle East and Africa: Honeycomb Sandwich Material Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 91: Global: Honeycomb Sandwich Material Industry: SWOT Analysis

Figure 92: Global: Honeycomb Sandwich Material Industry: Value Chain Analysis

Figure 93: Global: Honeycomb Sandwich Material Industry: Porter's Five Forces Analysis

I would like to order

Product name: Honeycomb Sandwich Material Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

Product link: <https://marketpublishers.com/r/HCB349121442EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/HCB349121442EN.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

