

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

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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?

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