

Honeycomb Sandwich Material Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-11-24 | 139 pages | IMARC Group

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Report description:

The global honeycomb sandwich material market size reached US\$ 1.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.1 Billion by 2028, exhibiting a growth rate (CAGR) of 3.58% during 2022-2028.

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

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report, along with forecasts at the global, regional and country level from 2023-2028. 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

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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., Schutz GmbH & Co. KGaA and The Gill Corporation.

Key Questions Answered in This Report

1. How big is the global honeycomb sandwich material market?
2. What is the expected growth rate of the global honeycomb sandwich material market during 2023-2028?
3. What are the key factors driving the global honeycomb sandwich material market?
4. What has been the impact of COVID-19 on the global honeycomb sandwich material market?
5. What is the breakup of the global honeycomb sandwich material market based on the material type?
6. What is the breakup of the global honeycomb sandwich material market based on the technology?
7. What is the breakup of the global honeycomb sandwich material market based on the application?
8. What are the key regions in the global honeycomb sandwich material market?
9. Who are the key players/companies in the global honeycomb sandwich material market?

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