

Global Balsa Core Materials Market Size study, by Type (Monolayer, Multilayer), by Product (Rigid End-Grain, Contoured End-Grain), by End Use Industry (Wind Energy, Aerospace, Marine, Transportation, Construction, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G21C16A4D430EN.html>

Date: July 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G21C16A4D430EN

Abstracts

Global Balsa Core Materials Market is valued approximately at USD 258.8 Million in 2023 and is anticipated to grow with a healthy growth rate of more than 4.3% over the forecast period 2024-2032. Balsa core material is a honeycomb-like structure derived from balsa wood, known for its cost-effectiveness and offering high compression, shear strength, and stiffness. Its widespread application in boats, wind turbine blades, and structural composite panels is augmented by its increasing utilization in manufacturing hovercraft, aircraft, and helicopters.

The escalating demand for lightweight materials globally, particularly in aircraft construction to reduce weight and achieve high tensile strength, is one of the key factors driving the market. The burgeoning aerospace industry, along with the rising installation of wind turbines due to limited availability of conventional fuels like oil, gas, and coal, coupled with growing environmental concerns, are positively influencing sales. The shipping industry's growth, fueled by improving international trade, and significant government investments in the defense sector to enhance national security, are also bolstering market expansion. Additionally, the ecological benefits of balsa core materials compared to alternatives like PET and carbon core materials are stimulating market growth. Key players are focusing on mergers, acquisitions, product launches, and expansions to strengthen their market share. However, environmental concerns and high cost of implications are hindering the market growth.

The key regions considered for the Global Balsa Core Materials Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is anticipated to dominate the market due to the presence of leading aerospace manufacturers and substantial investments in defense and wind energy sectors. Asia Pacific is expected to witness the highest growth rate owing to the rapidly expanding aerospace and renewable energy industries, particularly in China and India.

Major market player included in this report are:

3A Composites (Schweiter Technologies)

Bcomp Ltd.

Carbon-Core Corp.

CoreLite Inc.

Diab International AB

Gurit Holding AG

I-Core Composites LLC

Nord Compensati srl

Bondi (Shandong) Environmental Material Co. Ltd.

Evonik Industries AG

Airex

Hexcel Corporation

Schweiter Technologies AG

The Gill Corporation

Arris Composites

The detailed segments and sub-segment of the market are explained below:

By Type

Monolayer

Multilayer

By Product

Rigid End-Grain

Contoured End-Grain

By End Use Industry

Wind Energy

Aerospace

Marine

Transportation

Construction

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL BALSA CORE MATERIALS MARKET EXECUTIVE SUMMARY

- 1.1. Global Balsa Core Materials Market Size & Forecast (2022- 2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Type
 - 1.3.2. By Product
 - 1.3.3. By End Use Industry
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL BALSA CORE MATERIALS MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL BALSA CORE MATERIALS MARKET DYNAMICS

Global Balsa Core Materials Market Size study, by Type (Monolayer, Multilayer), by Product (Rigid End-Grain, C...

3.1. Market Drivers

- 3.1.1. Escalating demand for lightweight materials
- 3.1.2. Increased usage in aircraft construction
- 3.1.3. Installation of wind turbines

3.2. Market Challenges

- 3.2.1. Environmental concerns
- 3.2.2. Cost implications

3.3. Market Opportunities

- 3.3.1. Investments in defense
- 3.3.2. Ecological benefits

CHAPTER 4. GLOBAL BALSA CORE MATERIALS MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BALSA CORE MATERIALS MARKET SIZE & FORECASTS BY TYPE 2022-2032

5.1. Segment Dashboard

5.2. Global Balsa Core Materials Market: Type Revenue Trend Analysis, 2022 & 2032 (USD Million)

5.2.1. Monolayer

5.2.2. Multilayer

CHAPTER 6. GLOBAL BALSA CORE MATERIALS MARKET SIZE & FORECASTS BY PRODUCT 2022-2032

6.1. Segment Dashboard

6.2. Global Balsa Core Materials Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Million)

6.2.1. Rigid End-Grain

6.2.2. Contoured End-Grain

CHAPTER 7. GLOBAL BALSA CORE MATERIALS MARKET SIZE & FORECASTS BY END USE INDUSTRY 2022-2032

7.1. Segment Dashboard

7.2. Global Balsa Core Materials Market: End Use Industry Revenue Trend Analysis, 2022 & 2032 (USD Million)

7.2.1. Wind Energy

7.2.2. Aerospace

7.2.3. Marine

7.2.4. Transportation

7.2.5. Construction

7.2.6. Others

CHAPTER 8. GLOBAL BALSA CORE MATERIALS MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Balsa Core Materials Market

8.1.1. U.S. Balsa Core Materials Market

8.1.1.1. Type breakdown size & forecasts, 2022-2032

8.1.1.2. Product breakdown size & forecasts, 2022-2032

8.1.1.3. End Use Industry breakdown size & forecasts, 2022-2032

8.1.2. Canada Balsa Core Materials Market

8.1.2.1. Type breakdown size & forecasts, 2022-2032

8.1.2.2. Product breakdown size & forecasts, 2022-2032

8.1.2.3. End Use Industry breakdown size & forecasts, 2022-2032

- 8.2. Europe Balsa Core Materials Market
 - 8.2.1. Germany Balsa Core Materials Market
 - 8.2.2. France Balsa Core Materials Market
 - 8.2.3. U.K. Balsa Core Materials Market
 - 8.2.4. Italy Balsa Core Materials Market
 - 8.2.5. Spain Balsa Core Materials Market
 - 8.2.6. Russia Balsa Core Materials Market
 - 8.2.7. Rest of Europe Balsa Core Materials Market
- 8.3. Asia-Pacific Balsa Core Materials Market
 - 8.3.1. China Balsa Core Materials Market
 - 8.3.2. India Balsa Core Materials Market
 - 8.3.3. Japan Balsa Core Materials Market
 - 8.3.4. Australia Balsa Core Materials Market
 - 8.3.5. South Korea Balsa Core Materials Market
 - 8.3.6. Rest of Asia Pacific Balsa Core Materials Market
- 8.4. Latin America Balsa Core Materials Market
 - 8.4.1. Brazil Balsa Core Materials Market
 - 8.4.2. Mexico Balsa Core Materials Market
 - 8.4.3. Rest of Latin America Balsa Core Materials Market
- 8.5. Middle East & Africa Balsa Core Materials Market
 - 8.5.1. Saudi Arabia Balsa Core Materials Market
 - 8.5.2. South Africa Balsa Core Materials Market
 - 8.5.3. Rest of Middle East & Africa Balsa Core Materials Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. 3A Composites (Schweiter Technologies)
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Bcomp Ltd.

- 9.3.3. Carbon-Core Corp.
- 9.3.4. CoreLite Inc.
- 9.3.5. Diab International AB
- 9.3.6. Gurit Holding AG
- 9.3.7. I-Core Composites LLC
- 9.3.8. Nord Compensati srl
- 9.3.9. Bondi (Shandong) Environmental Material Co. Ltd.
- 9.3.10. Evonik Industries AG
- 9.3.11. Airex
- 9.3.12. Hexcel Corporation
- 9.3.13. Schweiter Technologies AG
- 9.3.14. The Gill Corporation
- 9.3.15. Arris Composites

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Balsa Core Materials market, report scope

TABLE 2. Global Balsa Core Materials market estimates & forecasts by Region
2022-2032 (USD Million)

TABLE 3. Global Balsa Core Materials market estimates & forecasts by Type
2022-2032 (USD Million)

TABLE 4. Global Balsa Core Materials market estimates & forecasts by Product
2022-2032 (USD Million)

TABLE 5. Global Balsa Core Materials market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 6. Global Balsa Core Materials market by region, estimates & forecasts,
2022-2032 (USD Million)

TABLE 7. Global Balsa Core Materials market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 8. Global Balsa Core Materials market by region, estimates & forecasts,
2022-2032 (USD Million)

TABLE 9. Global Balsa Core Materials market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 10. Global Balsa Core Materials market by region, estimates & forecasts,
2022-2032 (USD Million)

TABLE 11. Global Balsa Core Materials market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 12. Global Balsa Core Materials market by region, estimates & forecasts,
2022-2032 (USD Million)

TABLE 13. Global Balsa Core Materials market by segment, estimates & forecasts,
2022-2032 (USD Million)

TABLE 14. Global Balsa Core Materials market by region, estimates & forecasts,
2022-2032 (USD Million)

TABLE 15. U.S. Balsa Core Materials market estimates & forecasts, 2022-2032 (USD
Million)

TABLE 16. U.S. Balsa Core Materials market estimates & forecasts by segment
2022-2032 (USD Million)

TABLE 17. U.S. Balsa Core Materials market estimates & forecasts by segment
2022-2032 (USD Million)

TABLE 18. Canada Balsa Core Materials market estimates & forecasts, 2022-2032
(USD Million)

TABLE 19. Canada Balsa Core Materials market estimates & forecasts by segment
2022-2032 (USD Million)

TABLE 20. Canada Balsa Core Materials market estimates & forecasts by segment
2022-2032 (USD Million)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Balsa Core Materials market, research methodology
- FIG 2. Global Balsa Core Materials market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Balsa Core Materials market, key trends 2023
- FIG 5. Global Balsa Core Materials market, growth prospects 2022-2032
- FIG 6. Global Balsa Core Materials market, porters 5 force model
- FIG 7. Global Balsa Core Materials market, PESTEL analysis
- FIG 8. Global Balsa Core Materials market, value chain analysis
- FIG 9. Global Balsa Core Materials market by segment, 2022 & 2032 (USD Million)
- FIG 10. Global Balsa Core Materials market by segment, 2022 & 2032 (USD Million)
- FIG 11. Global Balsa Core Materials market by segment, 2022 & 2032 (USD Million)
- FIG 12. Global Balsa Core Materials market by segment, 2022 & 2032 (USD Million)
- FIG 13. Global Balsa Core Materials market by segment, 2022 & 2032 (USD Million)
- FIG 14. Global Balsa Core Materials market, regional snapshot 2022 & 2032
- FIG 15. North America Balsa Core Materials market 2022 & 2032 (USD Million)
- FIG 16. Europe Balsa Core Materials market 2022 & 2032 (USD Million)
- FIG 17. Asia pacific Balsa Core Materials market 2022 & 2032 (USD Million)
- FIG 18. Latin America Balsa Core Materials market 2022 & 2032 (USD Million)
- FIG 19. Middle East & Africa Balsa Core Materials market 2022 & 2032 (USD Million)
- FIG 20. Global Balsa Core Materials market, company market share analysis (2023)

.....

This list is not complete, final report does contain more than 50 figures. The list may be updated in the final deliverable.

I would like to order

Product name: Global Balsa Core Materials Market Size study, by Type (Monolayer, Multilayer), by Product (Rigid End-Grain, Contoured End-Grain), by End Use Industry (Wind Energy, Aerospace, Marine, Transportation, Construction, Others) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G21C16A4D430EN.html>

Price: US\$ 4,950.00 (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/G21C16A4D430EN.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