

Global Plastic Lumber Market Size Study, by Application (Molding Trim, Fencing, Landscaping Outdoor Products, Windows Doors, Decking), by Product (Virgin Plastic, Recycled Plastic, Composite), by Resin Type (Polyethylene, Polyvinyl Chloride, Polystyrene, Others), and Regional Forecasts 2022-2032

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Abstracts

Global Plastic Lumber Market is valued approximately at USD 5.3 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 11.63% over the forecast period 2024-2032. Plastic lumber, a versatile building material derived from recycled plastics, primarily high-density polyethylene (HDPE) or a blend of various plastic types, serves as an eco-friendly alternative to traditional wood lumber. Its notable properties, such as durability, resistance to rot, decay, and insect infestations, make it an ideal choice for outdoor applications such as decking, fencing, and outdoor furniture. Plastic lumber boasts superior longevity, reducing the frequency of replacements. Moreover, its resistance to moisture, which prevents swelling or warping, and its ability to withstand harsh weather conditions, including UV exposure, without fading or deteriorating, further enhance its appeal.

The Global Plastic Lumber Market is experiencing significant growth due to rising environmental concerns regarding traditional lumber production and plastic waste. Governments worldwide are enacting stringent regulations to curtail deforestation and reduce plastic pollution, thereby mandating the use of sustainable and eco-friendly alternatives such as plastic lumber in construction and landscaping projects. Additionally, incentives such as tax breaks, grants, or rebates are being offered to promote the adoption of plastic lumber, encouraging businesses and consumers to opt for this environmentally conscious option. Consequently, manufacturers are investing in

R&D to enhance the quality and durability of plastic lumber products, contributing to market expansion. Moreover, infrastructure developments present lucrative opportunities for the plastic lumber market. However, the high cost of plastic lumber is going to impede the overall demand for the market during the forecast period 2024-2032.

The key regions considered for the Global Plastic Lumber Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, Europe was the dominating among regional market in terms of revenue owing to factors such as owing to increasing environmental awareness and sustainability concerns have driven demand for eco-friendly building materials, positioning plastic lumber as a viable alternative to traditional wood. Stringent regulations aimed at reducing deforestation and promoting recycling have created a favorable regulatory environment. Furthermore, the durability, low maintenance, and long lifespan of plastic lumber make it an attractive choice for construction projects. Technological advancements in manufacturing processes have improved the quality and variety of plastic lumber products, further fueling market growth in Europe. Furthermore, the market in Asia Pacific is anticipated to develop at the fastest rate over the forecast period 2024-2032.

Major market player included in this report are:

CMI

Ecoville

American Recycled Plastic

PlasTEAK

KWK Plastic Lumber Co., Ltd

Genova Products Inc.

Fiberon

Repeat Plastics Australia Pty Ltd.

Tangent Technologies, LLC

Trex Company, Inc

Tangent Materials

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

By Application:

- Molding Trim
- Fencing
- Landscaping Outdoor Products
- Windows Doors
- Decking

By Product:

- Virgin Plastic

- Recycled Plastic

- Composite

By Resin Type:

- Polyethylene
- Polyvinyl Chloride
- Polystyrene
- 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

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

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