

Global Transparent Wood Market Size study & Forecast, by Application (Construction, Furniture, Solar Cell, Automotive Windshields, Packaging, Flexible Electronics, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Transparent Wood Market is valued approximately USD 88.4 million in 2021 and is anticipated to grow with a healthy growth rate of more than 9% over the forecast period 2022-2029. Transparent Wood is the new cutting-edge building materials, which is eco-friendly and a great replacement for glass and plastic in the manufacture of transparent packaging, auto windscreens, and biomedical devices. Additionally cost-effective, transparent wood is five times more energy-efficient than glass, reducing energy costs. It is made by treating and compressing strips of wood. Lignin is switched out for polymers during the production process to make the wood translucent. It is lighter, stronger than glass, and has the same strength of lumber. The increasing utilization of transparent wood in different applications and growing demand for engineering wood products are key factor driving the market growth.

The rising demand for engineering wood products is contributing towards the growth of the Global Transparent Wood market. For instance – according to Statista – in 2020, revenue of “veneer, plywood and engineered wood products in the United States was estimated at USD 22.99 billion, and the revenue of “veneer, plywood and engineered wood products is projected to grow to USD 29.98 billion by 2024. Also, growing advancements in construction sector and increasing adoption of sustainable building materials would create lucrative growth prospectus for the market over the forecast period. However, the high vulnerability of transparent wood to water damage stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Transparent Wood Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Europe dominated the market in terms of revenue, owing to the dominance of branded products and leading market players as well as rising usage of transparent wood products in construction industry in the region. Whereas North America is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising usage of engineering wood products as well as growing adoption of sustainable building materials in the region.

Major market player included in this report are:

ABRO Industries Inc.

Cellutech AB

DEFY

Hoffmann Mineral GmbH

Holland Composites

InventWood

Nomaco

Preserva Products LTD.

Sayerlack

Wash Safe

Recent Developments in the Market:

? In year 2021, The University of Maryland conducted research and discovered a method that involves employing lignin as a binder to provide a scaffold for polymer infiltration. This method has advantages such as shorter processing times and less chemical and energy use. By this research, approximately one millimeter-thick translucent wood that is energy-efficient was created. It exhibited a high level of transmittance, haze, and light-guiding properties over the visible spectrum. This method of wood transparency is very efficient and adaptable.

Global Transparent Wood Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working

hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application

Construction

Furniture

Solar Cell

Automotive Windshields

Packaging

Flexible Electronics

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

RoLA

Rest of the World

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