

# The Global Market for Lignin Biomaterials & Biochemicals 2024-2034

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## Abstracts

Lignin is the second most abundant biological material on the planet after cellulose. It is a natural polymer found in plant cell walls used to develop innovative, eco-friendly materials and chemicals that can replace traditional, fossil-based products.

The Global Market for Lignin Biomaterials & Biochemicals 2024-2034 provides a detailed analysis of lignin production processes, types, properties, applications, and market trends. It examines biorefinery, kraft, organosolv, soda, lignosulfonate, and hydrolytic lignin manufacturing. SWOT analyses for major lignin categories are included.

The report covers lignin market drivers, consumption, pricing, and leading producers. It forecasts market growth and breaks down consumption by type and key end use markets including construction materials, batteries, carbon products, polymers, fuels, and more. Profiles for 87 key companies involved in lignin production and utilization are provided. An overview of R&D activity, opportunities and challenges is also included. Report contents include:

- Introduction to lignin types, properties, production, and challenges

- Details on lignin production processes: thermochemical, chemical, biological, electrochemical conversion

- In-depth overview of major lignin categories:

  - Lignosulfonates

  - Kraft lignin - LignoBoost, LignoForce, other methods

Soda lignin

Biorefinery lignin - extraction, purification, economics, commercial facilities

Organosolv lignin

Hydrolytic lignin

SWOT analyses for each major lignin type

Market drivers and recent lignin industry trends (2020-2023)

Lignin production capacities and consumption forecasts

Lignin pricing and demand by type and key markets:

Energy

Chemicals - BTX, phenol, etc.

Polymers

Carbon products

Construction materials

Batteries

Coatings

Other applications

Market opportunity analyses

Profiles for 87 leading lignin companies globally. Companies profiled include Borregaard, Lignopure, Lignovations, LXP Group GmbH, Stora Enso, UPM Biochemicals and Woodoo. A full list of companies is provided in table of contents.



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