



Market Insights: Polylactic Acid (PLA) – 2021

Market Insights: PLA - 2021 is one in a series of reports published as part of Nexant Energy & Chemicals Advisory Markets & Profitability program.

NexantECA's upcoming Market Insights report provides a comprehensive review of the global PLA market, and includes:

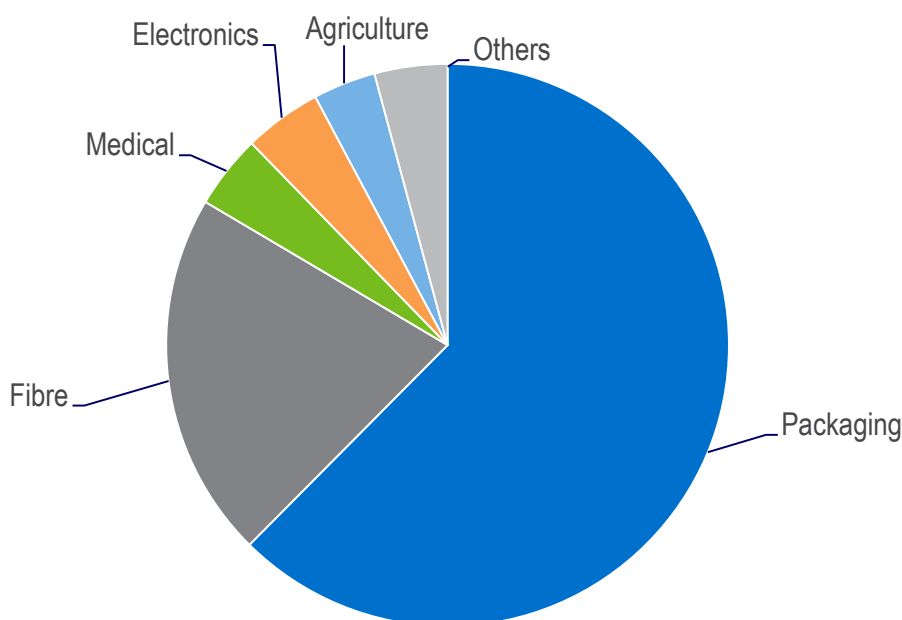
- Discussion regarding key market drivers and constraints for each region
- Supply, demand trade for nine regions: North America, South America, Western Europe, Central Europe, Eastern Europe, Middle East, Africa, Asia Pacific, and China
- End-use analysis includes: packaging, agriculture, and others including coatings and adhesives
- Competitiveness analysis, including competitive landscape, who's who of suppliers and cost competitiveness
- Price history and forecast with commentary regarding latest trends
- Forecast period: 5 years history and 15 years forecast to 2035

Along with the written report, data is provided in Excel including global capacity listings.

Report Abstract:

PLA is the homopolymer of lactide monomers which are, in turn, derived from lactic acid. PLA is an aliphatic polyester with no aromatic ring structure. It is regarded as an environmentally friendly polymer as it is derived from renewable sources and has grades which meet the specification for biodegradability. PLA can be produced in various forms and its physical properties, (melt temperature, crystallinity etc.) can be fine-tuned depending on the percentage of L-lactide and D-lactide based PLA in its formulation. Depending on the orientation of its atoms, types of PLA include poly L-lactide (PLLA), poly D-lactide (PLDA), and poly DL-lactide (PDLLA). Together, with its versatility in downstream processability, PLA's properties make it applicable to a wide range of products and industries.

Global PLA Demand by End Use



PLA pricing and margins are reviewed and a delivered cost analysis is performed for the major regional suppliers. In addition, the market drivers, key challenges, and potential barriers are evaluated including regulatory framework and policies for stimulating biodegradable polymers demand.

For more information, please visit www.NexantECA.com



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Each region section in Chapter 3 includes:

- Market Overview
- Market Drivers
- Market Constraints
- Competitive Landscape
- Supply and Demand

Report License Details:

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- Consultation time with the project team

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The **Markets and Profitability** program tracks over 60 feedstocks, petrochemicals, polymers, chemical intermediates and fertilizers on an ongoing basis and provides regularly updated reports covering all commercial aspects of these global industries. The accompanying database, provides global analysis and forecasts in two major inter-related areas: **Markets and Profitability**.

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