

The Global Market for Poly (Lactic Acid)

https://marketpublishers.com/r/GBA0C0557205EN.html Date: October 2021 Pages: 82 Price: US\$ 1,100.00 (Single User License) ID: GBA0C0557205EN

Abstracts

The global push for bio-plastics, hastened by government policies, and to a lesser extent consumer demand will drive greater consumption of Poly (lactic acid) (PLA).

Poly (lactic acid) (PLA) exists in the form of polymers that are biodegradable polyesters obtained from lactic acid (LA) or 2-hydroxy propionic acid, typically obtained from agricultural crops such as maize, potatoes, and cassava through bacterial fermentation of carbohydrates. It is one of the most commercially successful bio-plastics (at least among the rigid ones) due to its good processability and mechanical properties. It is also rigid, transparent, glossy and compostable in industrial composting plants. Global production capacities in 2020 was around 335,000 tons with further growth anticipated over the next few years, as this currently is not adequate to meet market demand.

Report contents include:

Current market conditions, players, end user markets, trends and future outlook.

Market challenges for wider adoption of PLA.

Analysis of market growth and expansion plans in China.

Global production capacities and consumptions, by market.

Future market prospects (>million tons).

41 companies profiled including NatureWorks, Total Corbion PLA JV, Anhui BBCA Biotechnology Co., Ltd, Zhejiang Hisun Biomaterials Co., Ltd, Shandong Tongbang New Material Technology Co., Ltd. and many more.



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