

# Polylactic Acid (PLA) Production

## Description:

### **Polylactic Acid (PLA) Production. A Biodegradable and Bioactive Polyester. Most Common Bioplastic in Today's Use**

#### **Polylactic Acid (PLA)**

Polylactic acid or polylactide (PLA) is a biodegradable and bioactive polyester made up of lactic acid building blocks. Polylactic acid (PLA) is at present one of the most promising biodegradable polymers (biopolymers) and has been the subject of abundant literature over the last decade.

PLA can be processed with a large number of techniques and is commercially available (large-scale production) in a wide range of grades. It is relatively cheap and has some remarkable properties, which make it suitable for different applications.

Polylactic acid (PLA) is the most common bioplastic in use today. First, corn or other raw materials are fermented to produce lactic acid, which is then polymerized to make polylactic acid (PLA). Bioplastics are expected to make major contributions to environmental protection, because they reduce CO<sub>2</sub> and because they are biodegradable. The range of applications for bioplastics is growing, from materials used in automobile interiors to packaging for foods and cosmetics, to agricultural sheeting, to household appliances.

**For more details download PDF file.**

**Keywords:** #Polylactic\_Acid\_Production, #Poly\_Lactic\_Acid\_Production\_Pdf, #How\_to\_Make\_Polylactic\_Acid, #Poly\_Lactic\_Acid\_Production\_in\_India, #Polylactic\_Acid\_Properties\_and\_Uses, Polylactic Acid Manufacture, #PLA\_Manufacturing, Process for Producing Polylactic Acid, #Commercial\_Production\_of\_PLA, #Polylactic\_Acid\_Manufacturing\_Plant, Polylactic Acid Industry, Polylactic Acid (PLA) Industry, Production Process for Polylactic Acid (PLA), Production of Polylactic Acid, Poly (Lactic Acid), Poly (Lactic Acid)

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