Polylactide (PLA)

Polylactide, also known as Polylactic Acid, is a biodegrade thermoplastic. Synthesized from organic sugars, PLA has become the most common material for 3D filaments due to its eco-friendliness and ease of use. PLA maintains several desirable properties for 3D printing such as a low melting temperature and glass transition temperature. As a result, PLA offers a high level of detail and exceptional print quality.

Applications

- General purpose 3D printing
- Fine detail prints
- Applications where strength is not critical

Recommended Printer Settings

- Extruder Temperature: 190-230 °C
- Printing Speed: 50-90+ mm/s
- Bed Temperature: 60-70 °C
- Bed Adhesion: Blue Painters Tape

Additional Information

- Biodegradable
- Standard Sizes Available: 1.75/2.88mm
- Custom packaging methods available upon request
- Spool Weight: 1kg., 1lb., 5lb., and 10lb
- All filaments are sealed with desiccants

Regulatory Compliance

- RoHS
- REACH
- Toy Safe

Disclaimer:
The above information is provided in good faith. It is solely the customer’s responsibility to determine if the product and information in this document are appropriate for the customer’s end use. Customers are always advised to consult their 3D printer manufacturer before using Toner Plastic’s filaments.