



Luminy® PLA for eco-friendly healthcare applications

## Luminy® PLA and Cre-AID labs help create affordable and customizable casts for more comfortable recovery

### Bioplastics product profile

Using Luminy® PLA, Cre-AID labs created MITHRIL casts and splints to solve multiple problems that traditional casts and splints have: they are bulky, unhygienic, single-use, and expensive. Since Luminy® PLA is a biobased thermoplastic with the right glass transition temperature (Tg), MITHRIL casts can be heated to a comfortable temperature and molded around an injured appendage. This helps make the healing process better for those recovering, their doctors, and the planet.

**Luminy® PLA is both washable and re-mouldable, so MITHRIL casts can be used throughout a person's healing journey without creating extra waste or extra costs.**

### Luminy® PLA is better for people and the planet:

- ✓ Biocompatible and skin-friendly.
- ✓ Reusable and washable.
- ✓ Robust and radiolucent.



Looking for biobased solutions for your medical applications? Scan here to get in touch!

