



The lifecycle of Luminy® PLA is limitless! Recycled PLA retains the same quality and functionality as virgin PLA

Luminy® PLA for bottles

Bioplastics product profile

Sansu and Naku are two of the companies that have joined the circular economy with Luminy® PLA water bottles. After use, these 100% biobased bottles are recycled to create PLA monomers, which are used to produce new bottles, reducing carbon emissions and promoting sustainability.

Less than a third of plastic bottles are recycled.* It's up to us to close the loop.

* <https://www.beyondplastics.org/fact-sheets/plastic-water-bottles>



Luminy® PLA is eco-friendly and functional

- ✓ 100% biobased with a 75% lower carbon footprint than fossil-based plastics
- ✓ Recyclable and available with recycled content
- ✓ Food contact approved
- ✓ Free from plasticizers like phthalates, bisphenol A, BHPF, and antimony



Looking for high-performance sustainable solutions for your bottles or other blow molding applications? Scan here to get in touch!



Back to Earth



Luminy®

PLA bioplastics for a brighter future

Biobased • Recyclable • Compostable • Innovative

TotalEnergies Corbion uses sustainably sourced sugarcane to produce Luminy® PLA, a biobased versatile and compostable plastic.

Did you know?

Biobased compostable plastics such as PLA degrade in industrial composting facilities and disintegrate faster than orange peels and paper.*



* <https://research.wur.nl/en/publications/the-fate-of-compostable-plastic-products-in-a-full-scale-industri>

Compostable bioplastic benefits



Extends consumable food life and avoids food waste



Provides convenience and functionality (items containing food)



Avoids contamination of food waste stream with plastic (items often thrown with food waste)



Improves hygiene



Facilitates collection of biowaste, and diverts biowaste from landfill and incineration