



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!





# Stay in the cycle

Rethinking recycling with PLA bioplastics

## Luminy®

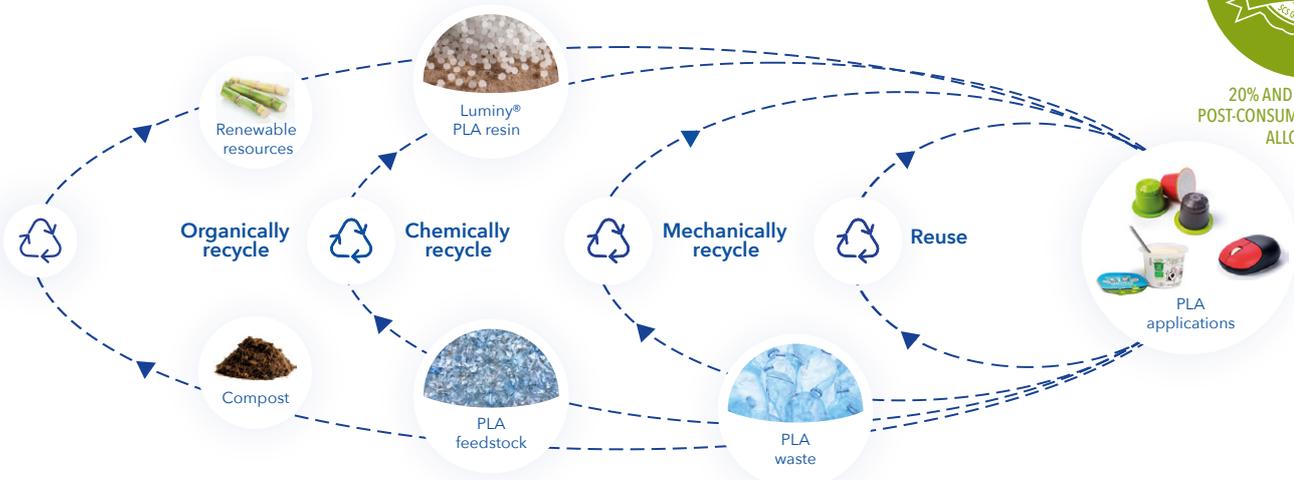
PLA bioplastics for a brighter future

Biobased • Recyclable • Compostable • Innovative

Luminy® PLA (Poly Lactic Acid) can be transformed back into feedstock via mechanical or chemical/advanced recycling.



20% AND 30% PRE- AND POST-CONSUMER MASS BALANCE ALLOCATION



In the circular economy, a product's end-of-life can become the foundation for new creations. Biobased materials like Luminy® PLA stay in the cycle in many ways: by being reused, mechanically or chemically recycled back into feedstock to create rPLA, or composted.

## Why we recycle



Keeps items made from plastic in the recycling loop



Reduces the consumption of natural resources and virgin materials



Allows production of high quality products with food contact approval



Reduces carbon footprint by using an energy-efficient process



Easy to separate in recycling streams with widely used sorting methods



Decrease landfill and the related environmental impact