



Plant the future with Luminy® PLA

Bioplastics made from sugarcane



Luminy® PLA bioplastics are 100% biobased, meaning they are completely made from annually renewable and responsibly grown sugarcane plants.

Why sugarcane?

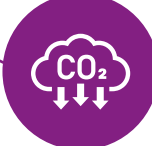
- ✓ **Feedstock efficiency**

Sugarcane is **2.5-3** times more efficient in producing PLA when compared to other feedstocks like corn and bagasse.
- ✓ **Minimal land use**

If all fossil-based plastics currently produced were to become PLA made from sugarcane, it would require just **1.23%** of the global agricultural land.
- ✓ **CO₂ capture**

Sugarcane crop captures 1.83 kg of CO₂ for every kilogram of PLA produced. Luminy® PLA total production captures the equivalent to **16,000 cars** worth of CO₂ annually.*

* average CO₂ emissions per vehicle by the US Environmental Protection Agency.



Luminy® PLA bioplastics have a
75% lower
carbon footprint*

*Luminy® PLA bioplastics have a carbon footprint 75% lower than traditional fossil-based plastics when biogenic carbon is taken into account.



How PLA is made

