



Luminy® PLA 100%生物基且可工业堆肥的珠粒发泡部件

Luminy® PLA 与 USEON 达成战略合作,共同研发生产新型发泡包装材料 EPLA

生物塑料合作案例介绍

越升科技 (USEON) 与道达尔能源科碧恩 (TotalEnergies Corbion) 强强联手, 成功研发环保型发泡珠粒, 并最终实现聚乳酸发泡材料 (EPLA) 模塑制品的规模化生产. 借助 Luminy® PLA, 越升科技率先推出通过FDA认证的生物基包装产品——其原料源自甘蔗, 碳足迹较传统塑料降低 85%, 且可实现工业化堆肥处理.

以协作驱动创新, 共创可持续未来

智慧协作是创新落地的关键, 也是可持续发展的基石. 通过携手合作, 我们致力于开发符合循环经济理念的先进包装解决方案——让资源物尽其用, 让浪费无处遁形.

Luminy® PLA 集可持续性与卓越性能于一身

- ✓ 100% 生物基
- ✓ 与传统塑料相比, 碳足迹减少85%
- ✓ 可在几周内实现工业堆肥
- ✓ 与纸板解决方案相比, 不吸湿且能承受重物



Luminy® EPLA的密度仅约35克/升,
却展现出超越同类产品的卓越承重性能
请扫码联系我们!





EPLA 100% biobased and industrially compostable bead foamed parts

Luminy® PLA and USEON partner to produce and distribute EPLA, a new foamed packaging material

Bioplastics partnership profile

USEON and TotalEnergies Corbion have partnered to develop eco-friendly foamed beads to finally produce Expanded PLA (EPLA) molded parts. With Luminy® PLA, they've pioneered FDA-approved packaging parts that are biosourced, from sugar cane, with 85 % lower carbon footprint vs conventional plastics and that could be industrially composted.

Driving innovation through collaboration.

A sustainable future depends on smart partnerships that turn innovation into action. By working together, we can develop advanced packaging solutions that fit seamlessly into the circular economy—where resources are reused, not wasted.

Luminy® PLA combines sustainability with top performance

- ✓ 100% biobased
- ✓ 85% carbon footprint reduction vs conventional plastics
- ✓ Industrially compostable in a few weeks
- ✓ No moisture uptake and no microplastics



With a density of around 35g/l, Luminy® EPLA withstands heavier loads compared to similar solutions

Scan here to get in touch!

