

Innovative bead foaming machinery meets reliable sustainable materials

From Raw Material to Final Product A Complete Solution

- **Full Beads Production Line** with comprehensive know-how transfer
- **Molding Machinery & Process Support** tailored to your needs
- **Compatibility with Existing EPP Equipment** - no need for major investment
- **On-site Installation Guidance** by our experienced team
- **Hands-on Operation Training** to ensure smooth production

Contribution through Cooperation

We grow together with our partners



Walk The Talk

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Packaging innovation that protects products and the planet

Reduce your carbon emissions by 85% with molded biobased foam beads packaging

TotalEnergies Corbion, a leading PLA producer, and USEON, a foaming equipment manufacturer, have introduced a machine that turns biobased PLA pellets into low-carbon foam beads for packaging, buffering, and food insulation.

Luminy® PLA is low carbon without compromise:

- >99% biobased, made with GMO-free sugarcane
- Industrially compostable with no persistent microplastics
- No moisture uptake
- Withstands heavy loads compared to cardboard solutions

Physical propoerties	Method	Typical value ¹
Density	GB/T 634; ISO 845	27 kg/m ³
Compressing strength (10%)	GB/T 8813; ISO 844	120 KPa
Thermal conductivity	Internal method	0.035W/(m·K)
Water absorption (sink, 96 hrs.)	GB/T 8810; ISO 2896	2.6%
Shape stability (70°C)	GB/T 8811; ISO 2796	Max. 0.34%

¹ Typical properties, not to be interpreted as specifications.



Luminy® EPLA is a styrene-free alternative solution to EPS, EPP, and cardboard solutions. Scan the QR code to get in touch!

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