

Decorative laminates are evolving. Your film resins should too.



The material you choose determines everything.

The surfaces that define interior spaces depend on decorative laminates and the materials used to deliver beautiful colors, patterns and textures. These materials must be durable and consistent without compromising on safety and sustainability standards.

Not all materials are created equal, and the wrong choice shows. In 3D laminate (3DL) applications where material is formed around complex curves and sharp edges, the stakes are even higher.

Some conventional options carry chemical and environmental concerns from the moment they're produced, with end-of-life risks that are drawing increasing scrutiny from regulators and sustainability-driven brands.

Others offer circular options but face limitations that impact their ability to deliver the consistent aesthetics and forming performance that furniture and interior surfaces demand and consumers expect.

The market is moving. Brands are publicly committed to recycled content, material safety and sustainability storytelling. The material that enables all three without performance trade-offs has been missing — until now.

Meet Eastar™ Renew copolyester, a high-performance, chlorine-free material with recycled content engineered for 3DL.

Give your brand a story worth telling.

Leading furniture and cabinetry brands are differentiating on sustainability. Eastar Renew gives you the proof points to do it credibly — certified recycled content,* a clean material safety profile free of substances of concern and real metrics behind every claim.

Eastar Renew is built for the demands of 3D decorative laminate applications. It's a high-performance alternative for manufacturers ready to make the switch. And while the performance advantage over alternatives is greatest for 3DL, it is also fully suitable for 2DL and 1DL applications.

*Recycled content allocated via ISCC PLUS certified mass balance calculation



Elevate your story with Eastar Renew.



Sustainable by design

- **Recycled content*** made from hard-to-recycle plastic for real waste diversion
- **A 20%–30% carbon footprint reduction**** versus its virgin equivalent
- **ISCC PLUS certification** — third-party verified recycled content*
- **Free from material of concerns** - no organotins, ortho-phthalates or chlorinated substances used during production
- **Does not generate dioxins during incineration**, unlike halogenated alternatives

Perform where others compromise

- ✓ **Forms with exceptional consistency** — Eastman Renew wraps reliably around contoured profiles and sharp edges to create seamless, durable surfaces.
- ✓ **Uniform color you can count on** — Get consistent color batch to batch to ensure uniformity across components.
- ✓ **Virgin-equivalent quality** — Recycled content delivers performance and aesthetics for a result that is indistinguishable from fossil-based virgin polymer.
- ✓ **Highly processable** — Features low thickness variation with specialized processing aids to run smoothly in your existing process.

**Recycled content allocated via ISCC PLUS certified mass balance calculation
**Find more about Eastman life cycle assessment process and technology [here](#).*

See how Eastar Renew compares against other resins for 3D laminates.

Table 1. Property comparison of commonly used materials for thermoformed 3D foil applications

Properties	PET	PVC	Eastar Renew GN071
3D thermoformability			
3D temperature resistance			
Printability			
Adhesion			
Surface hardness			

- = Poor
- = Fair
- = Good
- = Very good
- = Excellent

Why choose Eastar Renew?

Eastman’s Renew portfolio is commercially available at scale, economically viable and technically proven across multiple applications, including laminates. Our experts offer the technical support you need to set you up for success.

Ready to make the switch?

[Click here](#)

To take the next step. Request a sample, ask a technical question or talk to a specialist.

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