



# rPET Switch Playbook

Delta El Nile for Industry · six steps to move a PET pack to recycled content — target, feedstock, blend, validation, carbon, documentation · 2026-06-26

## 01 · Set the target

Fix the recycled-content goal and its driver — brand commitment, customer mandate or regulation — and the application. Food-contact packs carry the strictest feedstock rules; non-food is more permissive.

- Target rPET %
- Driver / deadline
- Food-contact? Y/N

## 02 · Qualify the feedstock

Use food-grade rPET on approved feedstock — FDA LNO / EFSA positive opinion for food contact — with a supplier Certificate of Analysis on every lot. Delta is up to 100% rPET capable on approved feedstock.

- FDA LNO / EFSA ref
- Supplier CoA
- Decontamination process

## 03 · Choose the blend

Pick the path — 25%, 50% or up to 100% rPET. Higher rPET can shift colour (a slight grey/yellow) and acetaldehyde, and IV consistency matters; agree colour and AA targets up front.

- Blend ratio
- Colour / b\* target
- IV & AA targets

## 04 · Validate the pack

re-confirm the process window and stretch ratios, then re-check top-load, burst and thermal stability on the rPET blend — a higher rPET fraction can narrow the blowing window.

- Stretch ratios (HSR/ASR/BSR)
- Top-load & burst
- Migration / sensory

## 05 · Quantify the saving

Calculate the carbon reduction for your volume before you commit, so the switch is backed by an auditable number — not a claim.

- kg CO<sub>2</sub>e / million units
- Annual saving
- LCA factor source

## 06 · Document & declare

Lock the audit trail: declaration of compliance, recycled-content mass-balance, and batch traceability from feedstock to finished good.

- Declaration of compliance
- Mass-balance record
- Batch traceability

Quantify your saving in ~60 seconds with the rPET Carbon Calculator → [deltaelnile.com/en/carbon-calculator.html](https://deltaelnile.com/en/carbon-calculator.html) · then build your RFQ · [salesteam@deltaelnile.com](mailto:salesteam@deltaelnile.com)

A planning aid for sustainability & procurement teams © 2026 Delta El Nile for Industry. Carbon figures must be generated from your own volumes and approved LCA factors; rPET capability is subject to application and feedstock approvals.