

How to improve the recyclability of thermoform PET trays

Tray

Do: Light weighting.

Don't: a packaging that underperforms,
so the product is lost

Absorption tissue

Preferred: integrated in the tray design

Otherwise: use little glue that releases
easily in recycling

Lid/seal medium

Best: lidding film with polyester coating

Difficult in recycling: PE laminate

Colour

Preferred: Transparent, clear.

Difficult in sorting: Black.

Barrier layers

Do: PET has high barrier properties, check
if extra barriers are needed

Difficult in recycling: Nylon and EVOH

Labels

Do: Use small and easy to release labels.
(Water or alkali soluble in 60-80°C,
wash off self-adhesives).

Secondary package

Do: Fit for purpose, if the tray is redesigned,
check if the box needs an update too.

More information?

www.plasticsrecyclers.eu

www.petcore-europe.org

TIP:

Consider no label on the tray, use a
non-coated carton cover (check
with a LCA)