

How to improve the recyclability of PP bowls, cups or tubs



Bowl, cup or tub

Do: light weighting.

Don't: a packaging that underperforms, so the product is lost.
Packaging smaller than 5 cm in diameter, or larger than 5 L in volume.

Barrier

Do: use mono-layer material, avoid barrier layers

Only if there is no other solution: EVOH and PA barrier layers.

Don't: PVDC, any additives that increase the density of PP.

Lid

Do: PE, PP or OPP.

Difficult in recycling: aluminium.

Don't: PVC, silicone.

Colour

Do: use light colours

Avoid: dark colours

Don't: use black

Labels

Do: consider no label on the cup, use carton cover. Otherwise use small and easy to release labels or in-mould labeling from PP.

Avoid: paper labels. Don't use labels and sleeves bigger than 50% (with volumes less than 500ml), or 70% (with volumes more than 500 ml) of the packaging surface.

Inks and direct printing

Do: inks that are non-toxic and follow EUPIA guidelines.

Do: laser marked direct printing.

Avoid: any other direct printing.

Secondary package

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