

	CATEGORY	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON COMPATIBILITY
	Material Composition (amount of PO in the packaging)	A ≥ 95 %, B ≥ 80 %	C ≥ 70 %	Non-recyclable < 70 %
	Description (Testing Protocol)	Materials that passed the testing protocols with no negative impact*** OR materials that have not been tested (yet), but are known to be acceptable in PE-HD or PP recycling	Materials that passed the testing protocols if certain conditions are met*** OR materials that have not been tested (yet), but pose a low risk of interfering with PE-HD or PP recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PE-HD or PP recycling
	Description (Methodology)	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from A to B or from B to C	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from C to non-recyclable	Non-recyclable
MAIN BODY	Materials*	PP	PE ≤ 10 %	Multilayers PP with PLA, PVC, PS, PET, PETG; PE > 10 %
	Colours	Light colours	Dark colours	Non NIR-detectable colours
	Additives	Additives that are unavoidable in processing (stabilizers, antioxidants, lubricants, nucleating agents, peroxides) and density remains ≤ 0.97 g/cm³	Mineral fillers (CaCO ₃ , talc) not increasing density more than 0.97 g/cm³	Additives changing the material density > 1 g/cm³, Flame-retardant additives, plasticizers, Bio-/oxo-/photodegradable additives
ATTACHMENTS	Covering System	PP	PE	Any other
DECORATION	Inks	Non-bleeding inks compliant with EuPIA Charter		Inks that bleed, Inks non-compliant with EuPIA Charter , PVC binders
	Labels Materials**	Low size labels in PP (with density ≤ 1 g/cm³); Avoid multiple labels	Low size labels in PE, PO (with density ≤ 1 g/cm³); Low size labels in PET, PETG, PLA, PS (all with density > 1 g/cm³); Low size labels in Paper without fibre loss; Low size PO-foamed labels; Low size In-Mould-Labels in the same material as the main body (except bleeding inks); Avoid multiple labels	Labels that hinder the recognition of the PP; Labels in non-PO materials with density ≤ 1 g/cm³; Paper labels with fibre loss during recycling process; Aluminium; Metallised labels; PVC; Cardboard or paper in In-Mould-Labels.
	Adhesives for Labels	Water soluble or water releasable adhesive (at less than 40 °C)	Non-water soluble or non-releasable adhesive approved by RecyClass in combination with filmic PO labels	Non water soluble or non water releasable adhesives
	Direct Printing	Laser marked	Direct printing (low extent of printing)	

Disclaimer: Use of recycled content does not impact the recyclability assessment.

* Polymer resin can be either fossil- or bio-based, virgin or recycled . If different grades of the same polymer are present, weights should be cumulated.

** The surface coverage of a low size label is currently under definition.

*** Approved technologies can be found [here](#)