

	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 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*	HDPE, Multilayer PE with HDPE prevalence (LLDPE, LDPE, MDPE)	PP ≤ 10 %	Multilayers HDPE with PLA, PVC, PS, PET, PETG; 10 % ≤ PP ≤ 30 % (-2 classes); PP > 30 % (-3 classes)
	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/cm ³	Mineral fillers (CaCO ₃ , talc) not increasing density more than 0.97 g/cm ³	Additives changing the material density > 1 g/cm ³ ; Flame-retardant additives, plasticizers, Bio-/oxo-/photodegradable additives
ATTACHMENTS	Covering Systems	PE	PP	Any other
DECORATION	Inks	Non-bleeding inks compliant with EuPIA Charter		Inks that bleed, Inks non-compliant with EuPIA Charter , PVC binders
	Label Materials**	Low size Labels in PE (all with density ≤ 1 g/cm ³); Avoid multiple labels	Low size Labels in PP, PO (with density ≤ 1 g/cm ³), Low size Labels in PET, PETG, PLA, PS (all with density > 1 g/cm ³), Low size Labels in Paper without fibre loss, Low size PO-foamed labels, Low size In-Mould-Labels in PE (except bleeding inks); Avoid multiple labels	Labels that hinder the recognition of the PE, Labels in non-PO materials with density ≤ 1 g/cm ³ , Paper labels with fibre loss during recycling process, Cardboard or paper In-Mould-Labels; Aluminium; Metallised labels; PVC
	Adhesives for Labels	Water soluble adhesive (at less than 40 °C); 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 adhesive (at less than 40 °C); Non-water releasable adhesive (at less than 40 °C)
	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.

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

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