

	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON-COMPATIBILITY	
MATERIAL COMPOSITION (AMOUNT OF PO IN THE PACKAGING)	A >= 95%, B >= 80% and all packaging features are FULLY compatible with recycling	C >= 70% and all packaging features are FULLY compatible with recycling	Non-recyclable < 70% and all packaging features are FULLY compatible with recycling	
DESCRIPTION (TEST 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*	HDPE, Multilayer PE with HDPE prevalence (LLDPE, LDPE, MDPE)	PP <= 10 wt%	
	COLOURS	Light colours	Dark colours	
	ADDITIVES	Additives that are unavoidable in processing (stabilizers, antioxidants, lubricants, nucleating agents, peroxides) and density remains < 0,97 g/cm³	Mineral fillers (CaCO3, talc) not increasing density more than 0,97 g/cm³	Multilayers HDPE with PLA, PVC, PS, PET, PETG; 10 wt% < PP <= 30 wt% (-2 classes); PP > 30 wt% (-3 classes)
ATTACHMENTS	COVERING SYSTEM	PE	PP	
			Any other	
DECORATION	INKS	Non-bleeding inks compliant with EuPIA Exclusion Policy	Inks that bleed, Inks non-compliant with EuPIA Exclusion Policy, PVC binders	
	LABEL MATERIALS**	Low size labels in PE (all with density < 1 g/cm³); Avoid multiple labels	Low size labels in PP, 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 fibrelloss; 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/cm³; Paper labels with fibrelloss during recycling process; Cardboard or paper In-Mould-Labels; Aluminium; Metallised labels; PVC
	ADHESIVES FOR LABELS	Water soluble adhesive (@ less than 40°C); Water releasable adhesive (@ less than 40°C)	Non-water soluble or non-releasable adhesive <u>approved</u> by RecyClass in combination with filmic PO labels	Non-water soluble adhesive (@ less than 40°C); Non-water releasable adhesive (@ less than 40°C)
	DIRECT PRINTING	Laser marked	Direct printing (low extent of printing)	

**RECYCLED CONTENT:** No change in the recyclability assessment. A separate '[Recycled Plastics Traceability Certification](#)' based on a Chain of Custody approach is available with RecyClass.

\* 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](#)

Last update: July 2023