

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
MATERIAL COMPOSITION (AMOUNT OF PO IN THE PACKAGING)	A >= 95%, B >= 90% and all packaging features are FULLY compatible with recycling	C >= 70% and all packaging features are FULLY compatible with recycling	D >= 50%, E >= 30% 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 D	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from D to E or from E to F
MAIN BODY			
MATERIALS*	HDPE, Multilayer PE with HDPE prevalence (LLDPE, LDPE, MDPE)	PP <= 10 wt%	Multilayers HDPE with PLA, PVC, PS, PET, PETG; 10 wt% < PP <= 30 wt% (-2 classes); PP > 30 wt% (-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/cm³	Mineral fillers (CaCO3, 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	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 fibreless; 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 fibreless 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 approved 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.

Last update: July 2023