HDPE Crates & Pallets

		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%	Multilayers HDPE with PLA, PVC, PS, PET, PETG; 10 wt% < PP <= 30 wt% (-2 classes); PP > 30 wt% (-3 classes)
MAIN BODY	COLOURS	Light colours	Dark colours	Non NIR-detectable colours
MAIN BODY	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
DECORATION	LABEL MATERIALS**	Low size labels in PE (all with density < 1 g/cm³); Avoid multilple 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 fibreloss; 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 fibreloss during recycling process; Cardboard or paper In-Mould-Labels; Aluminium; Metallised labels; PVC
DECORATION	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)
DECORATION	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

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