

	CATEGORY	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON COMPATIBILITY
	Material Composition (total amount of PP & PE attachments 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 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 PP recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with 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**	Oriented and non-oriented PP (including PP-plastomers)	Multilayer PP/PE with PE ≤ 10 %	Any other polymer (ex. PET, PVC, etc.)
	Colours	Light colours; translucent colours	NIR-detectable dark colours (Sorting test)	Non NIR-detectable dark colours
	Size	Packaging surface > 100 cm²	Packaging surface between 30 and 100 cm² (Sorting test)	Packaging surface ≤ 30 cm ²
	Product Residues (Easy-to-Empty Index)	A if the index is ≤ 5 %; B if the index is ≤ 10 %	C if the index is ≤ 15 %	Index is ≥ 15 %
	Barriers	SiOx and AlOx without additional coatings	≤ 5 % EVOH (in polyolefinic combination film); Metallisation	> 5 % EVOH (in polyolefinic combination film); Barrier layer PVC, PVDC, PA; Any other barrier layer; aluminium
	Additives	Additives that do not increase the density higher than 0,97 g/cm ³	PBT Voiding Agent ≤ 5 %	Bio-/oxo-/photodegradable additives; foaming agents used as expandant chemical agents; Additives that do increase the density higher than 0,97 g/cm ³ (CaCO ₃ , talc, glass fibers, etc.)
	Laminating Adhesives	Polyurethanes ≤ 3 %; Water-based acrylics ≤ 2,5 % Laminating adhesives approved as fully compatible by RecyClass; To be tested if in combination with other barrier material than metallisation and EVOH	Polyurethanes between 3 and 4,5 % ; Laminating adhesives approved as limited compatible by RecyClass; To be tested if in combination with other barrier material than metallisation and EVOH	Polyurethanes > 4,5 %; Acrylics > 3 % ; Laminating adhesives specially developed for high thermal applications above boiling and/or for high chemical resistance; Any other laminating adhesives
ATTACHMENTS	Closure Systems	PP (including PP-plastomers)	PE	Metal, aluminium, PVC, PET, PETG, PS, PLA, non PO or foams with density ≤ 1 g/cm ³
	Liners, Seals and Valves	PP (including PP-plastomers)	PE, removable aluminium liddings	Metal, aluminium, PVC, PET, PETG, PS, PLA, foiled paper, non PO or foams with density ≤ 1 g/cm ³
	Other Components	PP (including PP-plastomers)	PE	Metal, aluminium, PVC, PET, PETG, PS, PLA, paper, foams with density ≤ 1 g/cm ³
DECORATION	Facestock Label Materials	PP	PE	Metallised labels; paper labels; any other
	Adhesives for Labels	Water soluble or water-releasable at less than 40 °C		Metallised labels, any other; paper labels
	Inks, Cold Seals & Lacquers	Non-bleeding (Retentive) inks compliant with EuPIA Exclusion Policy ; PU-based inks (with no NC); PVB-based inks; PA-based inks Inks & varnish ≤ 5 %; Natural rubber & acrylic cold seals ≤ 6,7 %; PA-based lacquers ≤ 5,2 %	≤ 0,8 % of NC-binder; Inks & varnish 5 - 7 %	> 0,8 % of NC-binder; Inks & varnish > 7 %; Bleeding inks; Inks non-compliant with EuPIA Exclusion Policy ; PVC co- and terpolymer binders; Any other chlorinated binders
	Other Decorative Technologies	Laser marking with coverage ≤ 50 %	Laser marking with coverage > 50 %	

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

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

**Polymer resin can be either fossil- or bio-based, virgin or recycled.

**Non-bleeding (retentive) inks behavior can be evaluated using RecyClass Quick Test Procedure for Bleeding Inks applied on PE & PP Films.