

	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	Unpigmented; transparent	Light colours; translucent colours	Dark colours; black; carbon black
	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	SiO _x and AlO _x without additional coatings	≤ 5 % EVOH (in polyolefinic combination film)	> 5 % EVOH (in polyolefinic combination film); Barrier layer PVC, PVDC, PA; AlO_x coating with PVOH primer ; any other barrier layer; metallisation; aluminium
	Additives	Additives that do not increase the density higher than 0,97 g/cm ³		PBT Voiding Agent; Bio-/oxo-/photodegradable additives; foaming agents used as expanding chemical agents; Additives that do increase the density higher than 0,97 g/cm ³ (CaCO ₃ , talc, glass fibers, etc.)
	Laminating Adhesives	Aliphatic polyurethanes ≤ 2,3 % ; Laminating adhesives approved as fully compatible by RecyClass ; To be tested if in combination with a barrier material other than EVOH	Aliphatic polyurethanes between 2,3 % and 4,5 % ; Water-based acrylics ≤ 2,5 % ; Laminating adhesives approved as limited compatible by RecyClass ; To be tested if in combination with a barrier material other than EVOH	Aliphatic polyurethanes > 4,5 % ; Water-based acrylics > 2,5 % ; Aromatic polyurethanes ; Laminating adhesives specially developed for high thermal applications above boiling and/or for high chemical resistance (to be tested) ; 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	Metallized labels, any other; paper labels
	Adhesives for Labels	Water soluble or water-releasable at less than 40 °C		Adhesives non-soluble in water or non-releasable in water at less than 40 °C
	Inks, Cold Seals & Lacquers	Non-bleeding (Retentive)*** inks compliant with EuPIA Charter ; Inks & lacquers based on PU, PVB, PA (all with no NC); Printed production or expiry date	Mandatory information (product name, ingredients, barcode, etc.) or inks ≤ 0,25 %; Natural rubber & acrylic cold seals ≤ 6,7 % ; PA-based cold seal releasable lacquers ≤ 5,2 %	Bleeding inks; Inks non-compliant with EuPIA Charter ; PVC co- and terpolymer binders; Any other chlorinated binders; NC-binders; Inks > 0,25 %
	Other Decorative Technologies	Laser marking for production or expiry date	Laser marking with coverage ≤ 30 %	

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.

****Packaging printed/decorated on more than 30% of the total surface of the packaging must be assessed with the Design for Recycling Guidelines for coloured PP flexible packaging