

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
	A - B	B - C	D - E - F
DESCRIPTION	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
MAIN BODY			
MATERIAL	PP	Multilayer PP/PE	Any other polymer (ex. PET, PVC, etc.)
MATERIAL COMPOSITION	A when PP content is > 95%; B when PP content is > 90%	C when PP content is > 70%	D when PP content is > 50%; E when PP content is > 30%; F when PP content is < 30%
COLOURS	Light colours; translucent colours	NIR-detectable dark colours (Sorting test)	Non NIR-detectable dark colours
SIZE	> A4 or > 50 x 50 mm once compacted	< A4 format or between 20 x 20 and 50 x 50 mm once compacted (Sorting test)	< 20 x 20 mm
PRODUCT RESIDUES EASY TO EMPTY INDEX	A if the index is < 5%; B if the index is < 10%	C if the index is < 15%	D if the index is < 20%; E < if the index is 25%; F if the index is > 25%
BARRIER	Barrier in the polymer matrix; SiOx and AlOx without additional coatings	EVOH (in polyolefinic combination film); metallized layers without coatings	Barrier layer PVC, PVDC, PA; any other barrier layer; foaming agents used as expandant chemical agents; aluminium
ADDITIVES	Additives that do not increase the density higher than 0,97 g/cm ³		Bio-/oxo-/photodegradable additives; Additives that do increase the density higher than 0,97 g/cm ³ (CaCO ₃ , talc, glass fibers, etc.)
ATTACHMENTS			
CLOSURE SYSTEM	PP	PE	Metal, aluminium, PVC, PET, PETG, PS, PLA, non PO or foams with density < 1 g/cm ³
LINERS, SEALS AND VALVES	PP	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	PE	Metal, aluminium, PVC, PET, PETG, PS, PLA, paper, foams with density < 1 g/cm ³
DECORATION			
INKS	Non-toxic (according to EUPIA guidelines)		Inks that bleed; Toxic or hazardous inks
LABELS	PP	PE, paper labels without fiberloss	Metallized labels, any other; paper labels with fibreloss
ADHESIVES FOR LABELS	Water soluble or water-releasable at less than 60°C		Adhesives non-soluble in water or non-releasable in water at less than 60°C
DIRECT PRINTING	Laser marked print; Printed production or expiry date; printing covering < 50%**	Printing covering > 50% **	

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

* Class ranking resulting from the RecyClass assessment. B class is reported two times because of the 90-95% amount of PP in the packaging or because of slight incompatibilities in the design.
** Temporary solution

Last update: Feb. 2021