PP Natural Containers

RecyClass™

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
	A-B*	**B-C***	**D-E-F***
	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**
Container	PP		Multilayers PP with PLA; PVC; PS; PET; PETG
Size		Items compacted < 5 cm	Items compacted < than 2 cm;
Colours	Natural (clear)	Light colours	Black Inner layer; Black; Carbon Black; Other dark colours
Barrier			EVOH PA; PVDC; Aluminium
Additives			Additives changing the material density > 1g/cm³
Closure Systems	PP	HDPE; LDPE; LLDPE; MDPE; PET; PETG; PS; PLA (all with a density >1g/cm^3)	Non-PO and/or foams with density <1g/cm^3; Aluminium; Metal; PVC
Liners, Seals and Valves	PP	HDPE; LDPE; LLDPE; MDPE; PET, PETG, PS, PLA (all with a density >1g/cm^3); Removable aluminium fasteners	Non-PO and/or foams with density <1g/cm^3; Aluminium; Metal; Foiled paper; PVC
Labels	Labels in PP (all with density <1 g/cm³), which do not hinder* the recognition of the underlaying PP-polymer. * indication label size on contianers > 500 ml: < 70% coverage * indication label size on containers ≤ 500 ml: < 50% coverage	Labels in PE (with density <1 g/cm³), with a size that does not hinder* the recognition of the underlaying PP-polymer; Labels in PET, PETG, PS, PLA (all with density >1 g/cm³) which do not hinder* the recognition of the underlaying PP-polymer; Labels in Paper without fibreloss which do not hinder* the recognition of the underlaying PP-polymer; PO-foamed labels * Indication sleeve size on containers > 500 ml: < 70% coverage * Indication sleeve size on containers ≤ 500 ml: < 50% coverage	Labels that hinder the recognition of the PP; Paper labels with fibreloss Aluminium; Metalised labels; Non-PO foamed labels with density < 1g/cm^3 PVC
Sleeves	Sleeves in PP (with density <1 g/cm³), which do not hinder* the recognition of the underlaying PP-polymer * Indication sleeve size on containers > 500 ml: < 70% coverage * Indication sleeve size on containers ≤ 500 ml: < 50% coverage	Sleeves in PE (with density <1 g/cm³), with a size that does not hinder* the recognition of the underlaying PP-polymer; Sleeves in PET, PETG, PS, PLA (all with density >1 g/cm³) which do not hinder* the recognition of the underlaying PP-polymer. * Indication sleeve size on containers > 500 ml: < 70% coverage * Indication sleeve size on containers ≤ 500 ml: < 50% coverage	Sleeves that hinder the recognition of the PP; Sleeves in non PO-materials with density <1 g/cm^3 ; Aluminium; Metalised Sleeves; Heavily inked sleeves; PVC
Adhesives for labels	Water soluble or water releasable adhesive (@ less than 40°C)	Pressure sensitive labels	Non water soluble or non water releasable adhesives;
Inks	Non toxic following the EuPIA Guidlines		Inks that bleed; Toxic or hazardous inks.
Direct Printing	Laser marked; Production or best-before date		Any other direct printing
Other Components	PP	PE with density <1 g/cm³; PET; PETG; PS; PLA all with density >1 g/cm³	Aluminium; PVC; Glass components; Non-PO and /or foams with density < 1 g/cm^3

Last update - July 2020

* Class ranking resulting by 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