

PP Coloured Containers



	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
<b>Container</b>	PP		Multilayers PP with PLA; PVC; PS; PET; PETG
<b>Size</b>		Items compacted < 5 cm	Items compacted < than 2 cm;
<b>Colours</b>	All colours	Black inner layer and dark colours (NIR-detectable)	Non NIR detectable colours
<b>Barrier</b>		EVOH ≤ 1%	EVOH > 1% PA; PVDC; Aluminium
<b>Additives</b>			Additives changing the material density > 1g/cm <sup>3</sup>
<b>Closure Systems</b>	PP	HDPE; LDPE; LLDPE; MDPE; PET; PETG; PS; PLA (all with a density >1g/cm <sup>3</sup> )	Non-PO and/or foams with density <1g/cm <sup>3</sup> ; Aluminium; Metal; PVC
<b>Liners, Seals and Valves</b>	PP	HDPE; LDPE; LLDPE; MDPE; PET, PETG, PS, PLA (all with a density >1g/cm <sup>3</sup> ); Removable aluminium fasteners	Non-PO and/or foams with density <1g/cm <sup>3</sup> ; Aluminium; Metal; Foiled paper; PVC
<b>Labels</b>	Labels in PP (all with density <1 g/cm <sup>3</sup> ), which do not hinder* the recognition of the underlying PP-polymer.  * indication label size on containers > 500 ml: < 70% coverage * indication label size on containers ≤ 500 ml: < 50% coverage	Labels in PE (with density <1 g/cm <sup>3</sup> ), with a size that does not hinder* the recognition of the underlying PP-polymer; Labels in PET, PETG, PS, PLA (all with density >1 g/cm <sup>3</sup> ) which do not hinder* the recognition of the underlying PP-polymer; Labels in Paper without fibreless which do not hinder* the recognition of the underlying 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 fibreless Aluminium; Metalised labels; Non-PO foamed labels with density < 1g/cm <sup>3</sup> ; PVC
<b>Sleeves</b>	Sleeves in PP (with density <1 g/cm <sup>3</sup> ), which do not hinder* the recognition of the underlying 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/cm <sup>3</sup> ), with a size that does not hinder* the recognition of the underlying PP-polymer;  Sleeves in PET, PETG, PS, PLA (all with density >1 g/cm <sup>3</sup> ) which do not hinder* the recognition of the underlying 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 <sup>3</sup> ; Aluminium; Metalised Sleeves; Heavily inked sleeves; PVC
<b>Adhesives for labels</b>	Water soluble or water releasable adhesive (@ less than 40°C)	Pressure sensitive labels	Non water soluble or non water releasable adhesives;
<b>Inks</b>	Non toxic following the EuPIA Guidelines		Inks that bleed; Toxic or hazardous inks.
<b>Direct Printing</b>	Laser marked; Production or best-before date	Any other direct printing	
<b>Other Components</b>	PP	PE with density <1 g/cm <sup>3</sup> ; PET; PETG; PS; PLA all with density >1 g/cm <sup>3</sup>	Aluminium; PVC; Glass components; Non-PO and/or foams with density < 1 g/cm <sup>3</sup>

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