

	CATEGORY	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON COMPATIBILITY
	<b>Material Composition (total amount of PP &amp; PE attachments in the packaging)</b>	A ≥ 95 %, B ≥ 80 %	C ≥ 70 %	Non-recyclable < 70 %
	<b>Description (Testing Protocol)</b>	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>Description (Methodology)</b>	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	<b>Materials**</b>	Oriented and non-oriented PP (including PP-plastomers)	Multilayer PP/PE with PE ≤ 10 %	Any other polymer (ex. PET, PVC, etc.)
	<b>Colours</b>	Light colours; translucent colours	NIR-detectable dark colours (Sorting test)	Non NIR-detectable dark colours
	<b>Size</b>	<a href="#">Packaging surface &gt; 100 cm<sup>2</sup></a>	<a href="#">Packaging surface between 30 and 100 cm<sup>2</sup> (Sorting test)</a>	Packaging surface ≤ 30 cm <sup>2</sup>
	<b>Product Residues (Easy-to-Empty Index)</b>	A if the index is ≤ 5 %; B if the index is ≤ 10 %	C if the index is ≤ 15 %	Index is > 15 %
	<b>Barriers</b>	SiO <sub>x</sub> and AlO <sub>x</sub> without additional coatings	≤ 5 % EVOH (in polyolefin combination film); <a href="#">Metallisation</a>	> 5 % EVOH (in polyolefinic combination film); Barrier layer PVC, PVDC, PA; Any other barrier layer; aluminium
	<b>Additives</b>	Additives that do not increase the density higher than 0,97 g/cm <sup>3</sup>	PBT Voiding Agent ≤ 5 %	Bio-/oxo-/photodegradable additives; foaming agents used as expending chemical agents; Additives that do increase the density higher than 0,97 g/cm <sup>3</sup> (CaCO <sub>3</sub> , talc, glass fibers, etc.)
	<b>Laminating Adhesives</b>	<a href="#">Polyurethanes ≤ 3 %</a> ; <a href="#">Water-based acrylics ≤ 2.5 %</a> Laminating adhesives approved as fully compatible by RecyClass; To be tested if in combination with other barrier material than metallisation and EVOH	<a href="#">Polyurethanes between 3 and 4.5 %</a> ; Laminating adhesives approved as limited compatible by RecyClass; To be tested if in combination with other barrier material than metallisation and EVOH	<a href="#">Polyurethanes &gt; 4.5 %</a> ; <a href="#">Acrylics &gt; 3 %</a> ; Laminating adhesives specially developed for high thermal applications above boiling and/or for high chemical resistance; Any other laminating adhesives
ATTACHMENTS	<b>Closure Systems</b>	PP (including PP-plastomers)	PE	Metal, aluminium, PVC, PET, PETG, PS, PLA, non PO or foams with density ≤ 1 g/cm <sup>3</sup>
	<b>Liners, Seals and Valves</b>	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 <sup>3</sup>
	<b>Other Components</b>	PP (including PP-plastomers)	PE	Metal, aluminium, PVC, PET, PETG, PS, PLA, paper, foams with density ≤ 1 g/cm <sup>3</sup>
DECORATION	<b>Facestock Label Materials</b>	PP	PE	Metallised labels; paper labels; any other
	<b>Adhesives for Labels</b>	Water soluble or water-releasable at less than 40 °C		Metallised labels, any other; paper labels
	<b>Inks, Cold Seals &amp; Lacquers</b>	Non-bleeding (Retentive)*** inks compliant <a href="#">with EuPIA Charter</a> ; Inks & lacquers based on PU, PVB, PA (all with no NC); Inks & varnish ≤ 5 %; <a href="#">Natural rubber &amp; acrylic cold seals ≤ 6.7 %</a> ; <a href="#">PA-based cold seal releasable lacquers ≤ 5.2 %</a>	≤ 0.8 % of NC-binder; Inks & varnish 5 - 7 %	> 0.8 % of NC-binder; Inks & varnish > 7 %; Bleeding inks; Inks non-compliant <a href="#">with EuPIA Charter</a> ; PVC co- and terpolymer binders; Any other chlorinated binders
	<b>Other Decorative Technologies</b>	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.