

	CATEGORY	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON COMPATIBILITY
	<b>Material Composition (amount of PET + PO 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 PET 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 PET recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PE 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>	PET		PLA; PVC; PS; PETG; PC; PBT
	<b>Colours</b>	<a href="#">Transparent clear</a> ; <a href="#">Transparent light blue</a>		Other transparent colours; Opaque; Fluorescence; Metallic
	<b>Size</b>			≤ 4 cm (compact); > 5-liter content
	<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> plasma coating	Carbon plasma-coating; PA-MXD6 multilayer with ≤ 5 % PA-MXD6 and no tie layers; PGA multilayer; PTN alloy	PA-MXD6 multilayer with > 5 % PA-MXD6 or with tie layers; Monolayer PA-MXD6 blend; EVOH
	<b>Additives</b>	No reheat additives	UV stabilisers; Acetaldehyde (AA) blockers; Optical brighteners; oxygen scavengers Titanium Nitride reheat additive	Carbon black & Ferrous Phosphate reheat additive; Bio-/oxo-/photodegradable additives; Nanocomposites
ATTACHMENTS	<b>Closure Systems</b>	PE (with density ≤ 1 g/cm <sup>3</sup> ); PP (with density ≤ 1 g/cm <sup>3</sup> ); Clear transparent PET closure (with no additives or only approved additives)		Coloured or opaque PET closure; Materials and blends with density > 1 g/cm <sup>3</sup> (e.g. highly filled PE, metals, etc.); Non-detaching or welded closures
	<b>Liners, Seals and Valves</b>	PE; PE + EVA; PP; TPO (all with density ≤ 1 g/cm <sup>3</sup> ); TPS (with density ≤ 0.95 g/cm <sup>3</sup> )	Foamed PET (with a density ≤ 0.95 g/cm <sup>3</sup> ); Floatable silicone with density ≤ 0.95 g/cm <sup>3</sup>	Materials with density > 1 g/cm <sup>3</sup> (e.g., PVC, silicone, metals)
	<b>Other Components</b>	Base cup, handles or other components which are separated by grinding and float/sink – all with density ≤ 1 g/cm <sup>3</sup>		Materials with density > 1 g/cm <sup>3</sup> (e.g. metals, RFID tags); Non-detaching or welded components; Coloured PET
DECORATION****	<b>Facestock Label Materials</b>	PE; PP; OPP (all with density ≤ 1 g/cm <sup>3</sup> )	EPS; foamed PET; Lightly metallized labels (all with density ≤ 0.95 g/cm <sup>3</sup> ); Paper labels without fiber losses	Labels which hinder the recognition of the underlying PET-polymer (e.g., too large, metallized, heavily inked); Labels with density > 1 g/cm <sup>3</sup> (e.g., PVC; PS; PET; PETG; PLA); Metallized labels; Non-detaching or welded labels; Paper labels with fibre loss; Foamed PETG labels (even with density ≤ 1 g/cm <sup>3</sup> ); PET labels with washable inks
	<b>Adhesives for Labels</b>	Alkali/water releasable adhesive at 70-90 °C		Alkali/water soluble adhesive; alkali/water non-releasable adhesive at 70-90 °C
	<b>Sleeves</b>	PE; PP; OPP (all with density ≤ 1 g/cm <sup>3</sup> )	Full sleeves translucent for IR detection in PE; PP; OPP (all with density ≤ 1 g/cm <sup>3</sup> ); EPS; foamed PET; LDPE (all with density ≤ 0.95 g/cm <sup>3</sup> ) INTERIM: Twin-perforated sleeves for household and personal care conform guidelines by EPBP	Sleeves which hinder the recognition of the underlying PET polymer (e.g. too large, metallized, heavily inked); Sleeves with density > 1 g/cm <sup>3</sup> (e.g. PVC; PS; PET; PETG); Foamed PETG sleeves (even with density ≤ 1 g/cm <sup>3</sup> ); PET sleeves with washable inks
	<b>Tamper evidence wrap</b>	PE; PP; OPP (all with density ≤ 1 g/cm <sup>3</sup> )	EPS; foamed PET; LDPE (all with density ≤ 0.95g/cm <sup>3</sup> )	Materials with density > 1 g/cm <sup>3</sup> (e.g. PVC; PS; PET; PETG); Metallized materials; Foamed PETG (even with a density ≤ 1 g/cm <sup>3</sup> ); PET with washable inks
	<b>Inks</b>	Non-bleeding (Retentive)**** inks compliant with <a href="#">EuPIA Charter</a> Inks applied on removable labels/sleeves	Production or expiry date (direct printing)	Bleeding Inks; Inks non-compliant with <a href="#">EuPIA Charter</a> ; Metallic inks; Washable inks PVC co- and terpolymer binders; Any other chlorinated binders
	<b>Other Decorative Technologies</b>	Laser marking for production and expiry dates		Any other direct printing

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.

\*\*\*Decorative technologies must not hinder the recognition of the underlying PET-polymer. Features as size, print, mass colouration and/or barrier might require to perform a Sorting Evaluation Protocol. Known misleading features are listed on the RecyClass Methodology and the following size indications can be considered to ensure the recognition of PET:

- Size of non-PET surfaces on containers > 500 ml: ≤ 70% coverage

- Size of non-PET surfaces on containers ≤ 500 ml: ≤ 50% coverage

\*\*\*\*Non-bleeding (Retentive) behavior can be checked using the RecyClass REP-PETbot-03 protocol