	CATEGORY	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON COMPATIBILITY
	Material Composition (total amount of PET & PO attachments in the packaging)	A ≥ 95 %, B ≥ 80 %	C ≥ 70 %	Non-recyclable < 70 %
	Description (Testing Protocol)	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 white opaque 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 white opaque PET recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with white opaque PET recycling
	Description (Methodology)	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	**Materials****	PET		PLA; PVC; PS; PETG; PC; PBT
MAIN BODY	**Colours**	Monolayer PET bottles; External side of the bottle with L > 85	Multilayer PET bottles (2 and 3-layers); External side of the bottle with L > 80	External side of the bottle with L ≤ 80; Other opaque colours; Fluorescence; Metallic
MAIN BODY	**Size**			≤ 4 cm (compacted); > 5-liter content
MAIN BODY	**Product Residues (Easy-to-Empty Index)**	A if the index is ≤ 5 %; B if the index is ≤ 10 %	C if the index is ≤ 15 %	Index is > 15 %
MAIN BODY	**Barriers**	SiOx coating	Carbon plasma-coating; PA-MXD6 multilayer with ≤ 5 % PA-MXD6 and no tie layers; PTN alloy; PGA multilayer	PA-MXD6 multilayer with > 5 % PA-MXD6 or with tie layers; Monolayer PA-MXD6 blend; EVOH
MAIN BODY	**Additives**	TiO_2 content ≤ 8 %; PET masterbatch carrier	TiO_2 content between 8 and 9 %; UV stabilizers; Acetaldehyde (AA) blockers; Optical brighteners; Oxygen scavengers	TiO_2 content > 9 %; Other fillers; Non-PET masterbatch carrier; Bio-/oxo-/photodegradable additives; Nanocomposites
ATTACHMENTS	**Closure Systems**	PE (with density ≤ 1 g/cm³); PP (with density ≤ 1 g/cm³); Clear transparent PET closures (with no additives or only approved additives)		Materials and blends with density > 1 g/cm³ (e.g. highly filled PE, metals,...); Non detaching or welded closures
ATTACHMENTS	**Liners, Seals and Valves**	PE; PE + EVA; PP; TPO (all with a density ≤ 1 g/cm³); TPS (with density ≤ 0.95 g/cm³)	Foamed PET (with density ≤ 0.95 g/cm³); Floatable silicone with density ≤ 0.95 g/cm³	Materials with density > 1 g/cm³ (e.g. PVC, silicone, metals)
ATTACHMENTS	**Other Components**	Base cup, handles or other components which are separated by grinding and float/sink – all with density ≤ 1 g/cm³		Materials with density > 1 g/cm³ (e.g. metal, RFID tags); Non detaching or welded components
DECORATION***	**Facestock Label Materials**	PE; PP; OPP (all with density ≤ 1 g/cm³)	EPS; foamed PET; Lightly metallized labels (all with density ≤ 0.95 g/cm³); Paper labels without fibre losses	Labels which hinder the recognition of the underlaying PET-polymer (e.g. too large, metalised, heavily inked); Labels with density > 1 g/cm³ (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/cm³); PET labels with washable inks
DECORATION***	**Adhesives for Labels**	Alkali/water releasable adhesive at 70-90 °C		Alkali/water soluble adhesive; Alkali/water non-releasable adhesive at 70-90 °C
DECORATION***	**Sleeves**	PE; PP; OPP sleeves not hampering NIR and colour sorting (all with density ≤ 1 g/cm³)	PE; PP; OPP sleeves not hampering NIR and colour sorting (all with density ≤ 1 g/cm³); EPS; foamed PET; LDPET (all with density ≤ 0.95 g/cm³)	Sleeves which hinder the recognition of the underlaying PET-polymer (e.g. too large, metallised, heavily inked); Sleeves with density > 1 g/cm³ (e.g.PVC; PS; PET; PETG); Foamed PETG sleeves (even with density ≤ 1 g/cm³); PET sleeves with washable inks
DECORATION***	**Tamper evidence wrap**	PE; PP; OPP (all with density ≤ 1 g/cm³)	EPS; Foamed PET, LDPET (all with density ≤ 0.95 g/cm³)	Materials with density > 1 g/cm³ (e.g metal; PVC; PS; PETG); Metallised materials; Foamed PETG (even with density ≤ 1 g/cm³); PET with washable inks
DECORATION***	**Inks**	Non-bleeding (Retentive)**** inks compliant with EuPIA Charter; Inks applied on removable labels/sleeves not hampering the sorting into a white opaque PET stream	Production of expiry date (direct printing)	Bleeding inks; Inks non-compliant with EuPIA Charter; Metallic inks; Washable inks; Any other direct printing
DECORATION***	**Other Decorative Technologies**	Laser marking for production or expiry date		Any other laser marking

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 underlaying 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

Last updated: March 2026