

	CATEGORY	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON-COMPATIBILITY
	Material Composition (amount of PET (except lid) 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 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 PET recycling
MAIN BODY	Materials**	PET Thickness > 180 µm	PET/PE multilayers with or without barrier not hindering NIR detection of the PET	PLA; PVC; PS; PETG; C-PET; PET-GAG; Expanded PET; Thickness ≤ 180 µm (sorting test)
	Colours	Transparent & opaque light colours	Dark colours (NIR detectable)	Black, Metallic, Non NIR-detectable colours
	Size		Items compacted ≤ 5 cm	Items compacted ≤ 2 cm
	Product Residues (Easy-to-Empty Index)	A if the index is ≤ 5 %, B if the index is ≤ 10 %	C if the index is ≤ 15 %	Non-compatible if > 15 %
	Barriers	PET based oxygen scavenger without yellowing effect SiOx and AlOx plasma for barrier on lid For multilayers: Barrier material within PE layer (i.e., PE/EVOH/PE) or with barrier material blended in PE	PET based oxygen scavenger with limited yellowing effect	Barrier layers within the PET layer or in direct contact to PET layer PA; Any other barrier. Any other oxygen scavenger
	Additives	Silicone surface coating; Antiblocking masterbatch ≤ 3 %	UV stabilizers; AA blockers; optical brighteners; antiblocking masterbatch; anti-stat agents, anti-fogging agents	Bio-/oxo-/photodegradable additives; Nanocomposites PFAS based antifog ; Any other PFAs-based additives
	Laminating Adhesives for Multilayers***	Water-based acrylics	EVA	Solvent-free laminating adhesives
ATTACHMENTS	Closure Systems (Lidding Films)	Floating plastics with density ≤ 1 g/cm ³ without glue residual	Unprinted PET or BOPET films Foamed PET	Any other films
	Other Components	PET Trays with porous enabling liquid retention	Soaker pads & bubble pads easily removable by hands Soaker pads not hindering recognition of the underlying PET polymer by covering less than 50% of the back of the tray (sorting test mandatory above 50% coverage) Black soaker pads (sorting test)	PVC; PS; EPS; PU; PA; PC; PMMA; Thermoset plastics; metals; Soaker pads & bubble pads not easily removable by hands or leaving residue glued
DECORATION	Facestock Label Materials	Labels in PE; PP; OPP (all with density ≤ 1 g/cm ³), with a size that does not hinder* the recognition of the underlying PET polymer (≤ 50 % coverage)	BPA-free paper labels without fibre loss during recycling process Labels with a coverage > 50 % (sorting test)	Plastic labels with density > 1 g/cm ³ ; Paper labels with fibre loss during recycling process; Paper labels containing BPA; Non-floating paper labels
	Adhesives (for Labels, Lids, Soaking Pads, etc.) & Sealant***	Alkali/water soluble or alkali/water releasable adhesive at 70 °C EVA sealant	Alkali/water soluble or alkali/soluble partially releasable adhesive at 70 °C	Any other adhesives
	Inks	Non-bleeding (Retentive)**** inks compliant with EuPIA Exclusion Policy applied on removable parts (lids & labels)	Production or expiry date directly applied on the tray	Bleeding inks; Inks non-compliant with EuPIA Exclusion Policy ; PVC binders; Any direct printing on PET Thermoform
	Other Decorative Technologies	Laser marking (production or expiry date)		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.

***Under investigation

****Non-bleeding (Retentive) behavior can be checked using the RecyClass REP-PETtray-01 Protocol