

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
	A - B	B - C	D - E - F
DESCRIPTION	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			
MATERIAL **	PET		Any PET based multilayer material including PET/PE; PLA; PVC; PS; PETG; C-PET; PET-GAG; Expanded PET
MATERIAL COMPOSITION	A when PET content is > 95%; B when PET content is > 90%	C when PET content is > 70%	D when PET content is > 50%; E when PET content is > 30%; F when PET content is < 30%
COLOURS	Transparent clear; Transparent light blue		Opaque; Other transparent colours; Metallic; Opaque
SIZE		Items compacted < 5 cm	Items compacted < than 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%	D if the index is < 20%; E < if the index is 25%; F if the index is > 25%
BARRIER	PET based oxygen scavenger without yellowing effect after EPBP oven test	PET based oxygen scavenger with limited yellowing effect after EPBP oven test	EVOH; PA; any other barrier; any other oxygen scavenger
ADDITIVES	Silicone surface coating (on coating area); Antiblocking masterbatch (max 3%)	UV stabilisers; AA blockers; optical brighteners; antiblocking masterbatch (> 3%); anti-stat agents; antiblocking agents; anti-fogging agents (on coating area)	Bio/Oxo/Photodegradable additives; Nanocomposites
ATTACHMENTS			
CLOSURE SYSTEM LIDDING FILMS	Unprinted PET; Floating plastics with density < 1 g/cm ³ and easily removal from the tray and without glue residuals; Foamed PET based films where foamed structure is not getting destroyed @90°C; SiOx and AluOx plasma for barrier		Any other film
OTHER COMPONENTS	Inserts in HDPE / LDPE / PP like Soaker pads, bubble pads (all inserts should be completely removable, leave no traces and have a density of <1 g/cm ³)	Paper & cardboard not loosing fibres	PVC / PS / EPS / PU / PA; PC/PMMA; Thermoset plastics/metals; Paper & cardboard loosing fibres
DECORATION			
INKS	Non toxic following the EuPIA Guidelines		Inks that bleed; Toxic or hazardous inks
LABELS	Labels in PE; PP; OPP (all with density <1 g/cm ³ and also in the more heavily printed area), with a size that does not hinder* the recognition of the underlying PET-polymer * Indication label size of trays: < 30% coverage	BPA-free paper labels without fibre loss during recycling process	Plastic labels with density > 1 g/cm ³ (also in more heavily printed and glued area); Paper labels with fibre loss during recycling process; Paper labels containing BPA; Non floating paper labels
ADHESIVES FOR LABELS	100% removable adhesives leaving no adhesive residuals on flakes at 70°C	100% removable adhesives leaving no adhesive residuals on flakes at 85°C	All other adhesives
ADHESIVES ON OTHER PARTS THAN LIDDING FILM & LABELS	Alkali/water soluble or alkali/water releasable adhesive at 60-80°C without reactivation		Any other adhesive
DIRECT PRINTING	Laser marked	Production or expiry date	Any other direct printing

RECYCLED CONTENT: No change in the recyclability assessment. A separate 'Recycled Plastics Traceability Certification' based on a Chain of Custody approach is available with RecyClass

* Class ranking resulting from the RecyClass assessment. B class is reported two times because of the 90-95% amount of PET in the packaging or because of slight incompatibilities in the design.

** Polymer resin can be either fossil- or bio-based.

Last update: Feb. 2021