Transparent Clear PET Thermoforms

		FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON-COMPATIBILITY
	MATERIAL COMPOSITION (AMOUNT OF **PET (EXCEPT LID)** IN THE PACKAGING)	A >= 95%, B >= 80% and all packaging features are FULLY compatible with recycling	C >= 70% and all packaging features are FULLY compatible with recycling	Non-recyclable < 70% and all packaging features are FULLY compatible with recycling
	DESCRIPTION (TEST 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
	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	MATERIAL *	PET Thickness > 180 µm	PET/PE multilayer with or without barrier not hindering NIR detection of the PET	Other PET multilayers; PLA; PVC; PS; PETG; C-PET; PET-GAG; Expanded PET Thickness < 180 µm (sorting test)
MAIN BODY	COLOURS	Transparent clear;		Opaque; Other transparent colours; Metallic
MAIN BODY	SIZE		Items compacted < 5 cm	Items compacted < than 2 cm
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	BARRIER	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
MAIN BODY	ADDITIVES	Silicone surface coating; Antiblocking masterbatch <= 3 %	UV stabilizers; AA blockers; optical brighteners; Antiblocking masterbatch > 3%; Anti-stat agents; anti-fogging agents	Bio/Oxo/Photodegradable additives; Nanocomposites
MAIN BODY	LAMINATING ADHESIVES FOR MULTILAYERS**	Water-based acrylics	EVA	Solvent-free laminating adhesives
ATTACHMENTS	CLOSURE SYSTEM (LIDDING FILMS)	Floating plastics with density < 1 g/cm³ and easily removal from the tray and without glue residuals;	Unprinted PET or BOPET films; Foamed PET	Any other film
ATTACHMENTS	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 glue
DECORATION	FACESTOCK LABEL MATERIAL	Labels in PE; PP; OPP (all with density <1 g/cm³), with a size that does not hinder* the recognition of the underlaying PET-polymer (<50% coverage)	BPA-free paper labels without fibreloss during recycling process Labels with a coverage >50% (sorting test)	Plastic labels with density > 1 g/cm³; Paper labels with fibreloss during recycling process; Paper labels containing BPA; Non floating paper labels
DECORATION	ADHESIVES (FOR LIDS, LABELS, SOAKING PADS...)	Alkali/water soluble or alkali/water releasable adhesive at 70°C	Alkali/water soluble or alkali/water partially releasable adhesive at 70°C	Any other adhesive
DECORATION	INKS	Retentive inks compliant with EuPIA Exclusion Policy applied on removable parts (lids & labels);	Production or expiry date directly applied on tray	Bleeding inks; Inks non-compliant with EuPIA Exclusion Policy; PVC co- and terpolymer binders; Any other chlorinated binders; Any direct printing on PET thermoform
DECORATION	OTHER DECORATIVE TECHNOLOGIES	Laser marking for production or expiry date		Any other laser marking

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

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

** Test campaign to be performed in 2025

*** Approved technologies can be found here

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