Transparent Clear & Light-blue PET Bottles

		FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON-COMPATIBILITY
	MATERIAL COMPOSITION (AMOUNT OF **PET & PO ATTACHMENTS** 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**		**PLA; PVC; PS; PETG; PC, PBT**
MAIN BODY	COLOURS	**Transparent clear; Transparent light blue**		**Other transparent colours; Opaque; 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	BARRIER	**SiOx plasma coating**	**Carbon plasma-coating; PA-MXD6 multilayer with <5wt % PA-MXD6 and no tie layers; PGA multilayer; PTN alloy**	**PA-MXD6 multilayer with >5wt % PA-MXD6 or with tie layers; Monolayer PA-MXD6 blend; EVOH**
MAIN BODY	ADDITIVES		**UV stabilizers; Acetaldehyde (AA) blockers; Optical brighteners; Oxygen scavengers**	**Bio-/oxo-/photodegradable additives; Nanocomposites**
ATTACHMENTS	CLOSURE SYSTEM	**PE (with density <1 g/cm³); PP (with density <1 g/cm³)**		**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 (all with a density < 0.95 g/cm³); Floatable silicone (with density <0.95/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 Coloured PET**
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 fibrelosses**	**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 fibreloss; 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 (all with density <1 g/cm³)**	**Full sleeves translucent for IR detection in PE; PP; OPP; (all with density <1 g/cm³) EPS; Foamed PET; LDPET (all with density <0.95 g/cm³) INTERIM: Twin-peforated sleeves for household and personal care conform guidelines by EPBP**	**Sleeves which hinder the recognition of the underlaying PET-polymer (e.g. too large, metalised, 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; PET, PETG); Metallised materials; Foamed PETG (even with density <1 g/cm³); PET with washable inks**
DECORATION**	INKS	**Retentive inks compliant with EuPIA Exclusion Policy; Inks applied on removable labels/sleeves**	**Production or expiry date (direct printing)**	**Bleeding inks; Inks non-compliant with EuPIA Exclusion Policy; Metallic inks; Washable inks; Any other direct printing**
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.

**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

*** Approved technologies can be found here

Last update: January 2025

RecyClass
Avenue de Broqueville 12
1150 Brussels, Brussels

Phone: +32 2 786 39 08
info@recyclass.eu
www.recyclass.eu