

| | YES - FULL COMPATIBILITY | CONDITIONAL - LIMITED COMPATIBILITY | NO - LOW COMPATIBILITY |
|---|---|--|---|
| MATERIAL COMPOSITION (AMOUNT OF PET & PO ATTACHMENTS IN THE PACKAGING) | A >= 95%, B >= 90% and all packaging features are FULLY compatible with recycling | C >= 70% and all packaging features are FULLY compatible with recycling | D >= 50%, E >= 30% 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 D | In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from D to E or from E to F |
| MAIN BODY | MATERIAL * | PET | PLA; PVC; PS; PETG; PC; PBT |
| | COLOURS | Transparent light colours | Transparent dark colours |
| | SIZE | | Opaque; Fluorescence; Metallic |
| | PRODUCT RESIDUES (EASY TO EMPTY INDEX) | A if the index is < 5%; B if the index is < 10% | < 4 cm (compacted); > 5 liter content |
| | BARRIER | C if the index is < 15% | D if the index is < 20%; E < if the index is 25%; F if the index is > 25% |
| | ADDITIVES | EVOH multilayer with <3 wt% EVOH and no tie layers; PA-MXD6 multilayer with <6wt% PA-MXD6 including tie layers; Monolayer PA-MXD6 blend; PGA multilayer | EVOH multilayer with >3wt% EVOH or with tie layers; PA-MXD6 multilayer with >6wt% PA-MXD6 |
| ATTACHMENTS | | UV stabilizers; Acetaldehyde (AA) blockers; Optical brighteners; Oxygen scavengers | Bio-/oxo-/photodegradable additives; Nanocomposites |
| | 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 |
| | LINERS, SEALS AND VALVES | PE; PE + EVA; PP; TPO (all with a density < 1 g/cm³); TPS (with density <0.95g/cm³) | Materials with density >1 g/cm³ (e.g. PVC, silicone, metals); |
| | OTHER COMPONENTS | Foamed PET (with density <0.95g/cm³); Floatable silicone (with density <0.95/cm³) | Materials with density >1 g/cm³ (e.g. metal, RFID tags); Non detaching or welded components |
| DECORATION | LABELS | Base cup, handles or other components which are separated by grinding and float/sink - all with density <1 g/cm³; PET | Materials with density >1 g/cm³ (e.g. metal, RFID tags); Non detaching or welded components |
| | | Labels in PE; PP; OPP (all with density <1 g/cm³), with a size that does not hinder* the recognition of the underlying PET-polymer * indication label size of bottles > 500 ml: < 70% coverage * indication label size of bottles <= 500 ml: < 50% coverage | Labels which hinder the recognition of the underlying 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 fibreless; Foamed PETG labels (even with density <1 g/cm³); PET labels with washable inks |
| | ADHESIVES FOR LABELS | Alkali/water releasable adhesive at 60-80°C without reactivation | Alkali/water soluble adhesive; Alkali/water non-soluble or non-releasable adhesive at 60-80°C |
| | SLEEVES | Sleeves in PE; PP; OPP (all with density <1 g/cm³), with a size that does not hinder* the recognition of the underlying PET-polymer * indication sleeve size of bottles > 500 ml: < 70% coverage * indication sleeve size of bottles <= 500 ml: < 50% coverage | Sleeves which hinder the recognition of the underlying 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 |
| | TAMPER EVIDENCE WRAP | 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-perforated sleeves for household and personal care conform guidelines by EPBP | 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 |
| | INKS | PE; PP; OPP (all with density <1 g/cm³) | Inks that bleed; Toxic or hazardous inks; Metallic Inks; Washable inks |
| | DIRECT PRINTING | Non-toxic (according to EUPIA guidelines) | Any other direct printing |
| | | Laser marked print | Production or expiry date |

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.

Last update: January 2024