



Transparent Clear and Light-blue PET bottles

| | YES - FULL COMPATIBILITY | CONDITIONAL - LIMITED COMPATIBILITY | NO - LOW COMPATIBILITY |
|---------------------------------|--|--|--|
| | A-B* | B-C* | D-E-F* |
| | 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 |
| Bottle | PET | | PLA; PVC; PS; PETG |
| Size | | | < 4 cm (compacted); > 5 liter content |
| Colours | Transparent clear; Transparent light blue | | Other transparent colours; Opaque; Fluorescence; Metallic. |
| Barrier | SiOx plasma coating. | Carbon plasma-coating; PA multilayer with <5wt% PA and no tie layers; PGA multilayer; PTN alloy. | PA multilayer with >5wt% PA or tie layers; Monolayer PA blend; EVOH. |
| Additives | | UV stabilisers; Acetaldehyde (AA) blockers; Optical brighteners; Oxygen scavengers; | Bio-/oxo-/photodegradable additives; Nanocomposites |
| Closure Systems | PE (with density <1 g/cm ³); PP (with density <1 g/cm ³); | | Materials and blends with density >1 g/cm ³ (e.g. highly filled PE, metals,...); Non-detaching or welded closures. |
| Liners, Seals and Valves | All with a density < 1 g/cm ³ : - PE; PE + EVA; PP. | Silicone with density <0.95g/cm ³ Foamed PET | Materials with density >1 g/cm ³ (e.g. PVC, silicone, metals) |
| Labels | 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. * indication label size of bottles > 500 ml: < 70% coverage * indication label size of bottles ≤ 500 ml: < 50% coverage | Labels in EPS, foamed PET, LDPET (all with density <1 g/cm ³) with a size that does not hinder* the recognition of the underlying PET-polymer; Lightly metallized labels; Paper labels without fiberlosses | Labels which hinder the recognition of the underlying PET-polymer (e.g. too large, metallised, heavily inked); Labels with density >1 g/cm ³ (e.g. PVC; PS; PET; PETG; PLA); Metallized labels Non-detaching or welded labels; Paper labels with fiberloss; Foamed PETG labels (even with density <1 g/cm ³); PET labels with washable inks |
| Sleeves | Sleeves 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 * Indication sleeve size of bottles > 500 ml: < 70% coverage * Indication sleeve size of bottles ≤ 500 ml: < 50% coverage | Sleeves in EPS; foamed PET (all with density <1 g/cm ³) which do not hinder the recognition of the underlying PET-polymer INTERIM: Twin-perforated sleeves for household and personal care conform guidelines by EPBP | Sleeves which hinder the recognition of the underlying PET-polymer (e.g. too large, metallised, heavily inked); Sleeves with density >1 g/cm ³ (e.g. PVC; PS; PET; PETG); Foamed PETG sleeves (even with density <1 g/cm ³); PET sleeves with washable inks |
| Tamper Evidence Wrap | PE; PP; OPP; (all with density <1 g/cm ³) | EPS, Foamed PET (with density <1) | Materials with density >1 g/cm ³ (e.g. metal; PVC; PS; PET, PETG); Metallised materials; Foamed PETG (even with density <1 g/cm ³); PET with washable inks |
| Adhesives for labels | Alkali/water soluble and alkali/water releasable adhesive at 60-80°C without reactivation | Hot-melts; Pressure-sensitive labels | Non-soluble in water or alkaline at 60-80°C; Non-releasable in water or alkaline at 60-80°C |
| Inks | Non-toxic (according to EUPIA guidelines) | | Inks that bleed; Toxic or hazardous inks; Metallic inks |
| Direct Printing | Laser marked print; | Production or expiry date | Any other direct printing |
| Other Components | Base cup, handles or other components which are separated by grinding and float/sink - all with density <1 g/cm ³ ; Unpigmented PET | | Materials with density >1 g/cm ³ (e.g. metal, RFID tags); Non detaching or welded components Coloured PET. |

Last update - July 2020

* Class ranking resulting by 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