



Transparent clear mono PET thermoforming

	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	
Tray	PET		Any PET based multilayer material including PET/PE; PLA; PVC; PS; PETG; C-PET; PET-GAG; Expanded PET	
Colours	Transparent clear; Transparent light blue.		Opaque; Other transparent colours; Metallic; Opaque;	
Barrier	PET based oxygen scavenger <u>without</u> yellowing effect after EPBP oven test.	PET based oxygen scavenger <u>with limited</u> yellowing effect after EPBP oven test.	EVOH; PA; any other barrier; any other oxygen scavenger.	EPBP Oven Test
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	
Closure Systems: 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		Any other film	EPBP sink/float test EPBP glue removal test EPBP oven test
Labels	Labels in PE; PP; OPP (all with density <1 g/cm ³ and also in the more heavily printing area), with a size that does not hinder* the recognition of the underlaying 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.	
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	Petcore Europe - Adhesive removal on trays Protocol
Adhesives on other parts than lidding film and labels	Alkali/water soluble or alkali/water releasable adhesive at 60-80°C without reactivation		Any other adhesive	EPBP glue removal test
Inks	Non toxic following the EuPIA Guidelines		Inks that bleed; Toxic or hazardous inks.	
Direct Printing	Laser marked;	Production or expiry date.	Any other direct printing	
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.	

Last updated - 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