TRANSPARENT CLEAR MONO PET THERMOFORMING

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY	Assessing Protocols
CLASS RANKING*	**A-B**	**B-C**	**D-E-F**	
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	
TRAY**	PET		Any PET based multilayer material including PET/PE; PLA; PVC; PS; PETG; C-PET; PET-GAG; Expanded PET	
MATERIAL COMPOSITION	A when PET content is > 95%; B when PET content is > 90%	C when PET content is > 70%	D when PET content is > 50%; E when PET content is> 30%; F when PET content is < 30%	
COLOURS	Transparent clear; Transparent light blue		Opaque; Other transparent colours; Metallic; Opaque	
SIZE		Items compacted < 5 cm	Items compacted < than 2 cm	
PRODUCT RESIDUES (Easy to Empty index)	A if the index is < 5%; B if the index is < 10%	C if the index is < 15%	D if the index is < 20%; E < if the index is 25%; F if the index is > 25%	
BARRIER	PET based oxygen scavenger without yellowing effect after EPBP oven test	PET based oxygen scavenger with limited 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 stablilisers; AA blockers; optical brighteners; antiblocking masterbatch (> 3%); anti-stat agents; antiblocking agents; anti-fogging agents (on coating area)	Bio/Oxo/Photodegradable additives; Nanocomposites	
CLOSURE SYSTEM (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; SiOx and AluOx plasma for barrier		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 fibreloss during recycling process	Plastic labels with density > 1 g/cm^3 (also in more heavily printed and glued area); Paper labels with fibreloss during recycling process; Paper labels containing BPA; Non floating paper labels	
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	
RECYCLED CONTENT	No change in the recyclability assessment. A separate 'Recycled Content Traceability Certification' based on a Chain of Custody approach is available with RecyClass			

Last update - February 2021

** Class ranking resulting from 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.*
*** Polymer resin can be either fossil- or bio-based.*