Design For Recycling

GUIDELINES for packaging



SOIDELI	IN L 3 TOT PACK		-	
		Yes - Full compatibility	Conditional - Limited compatibility	No - Low (or no) compatibility
erial:	Material*	PET		PLA; PVC; PS; PETG
erian.	material composition		C when PET content is > 70% and all packaging features are FULLY compatible with recycling	D when PET content is > 50%; E when PET content is> 30%; F when PET content is < 30%
ttles		Transparent light colours	Transparent dark colours	Opaque; Fluorescence; Metallic
Coloured	Size			< 4 cm (compacted); > 5 liter content
5		A if the index Easy-to-empty is < 5%; B if the index is < 10%	C if the index Easy-to-empty is < 15%	D if index Easy-to-empty is <20%; E < if index is 25%; F if index is > 25%
es	■ Barrier	with <6wt% PA-MXD6 and no tie layer	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
es	Additives		UV stablilisers; Acetaldehyde (AA) blockers; Optical brighteners; Oxygen scavengers	Bio-/oxo-/photodegradable additives; Nanocomposites
	Closure Systems	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
cardboard			Foamed PET (with density <0.95g/cm³); Floatable silicone (with density < 1 g/cm³)	Materials with density >1 g/cm³ (e.g. PVC, silicone, metals)
cartons		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
	Inks	Non-toxic (according to EUPIA guidelines)		Inks that bleed; Toxic or hazardous inks; Metallic inks
1			Lightly metallized labels; Paper labels without fiberlosses	Labels which hinder recognition of underlaying PET-polymer; with density >1 g/cm³; Metallized labels; Non-detaching or welded labels; Paper labels with fibreloss; Foamed PETG labels; PET labels with washable inks
	ō	Alkali/water releasable adhesive at 60-80°C without reactivation	Hot-melts; Pressure-sensitive labels	Alkali/water soluble adhesive; Alkali/water non-soluble or non-releasable adhesive at 60-80°C
	000	Sleeves in PE; PP; OPP; EPS; foamed PET; LDPET (all with density <1 g/cm³), with a size that does not hinder* the recognition of the underlaying PET-polymer	Full sleeves translucent for IR detection in PE; PP; OPP; EPS; foamed PET; LDPET; all with density <1 g/cm³	Sleeves which hinder the recognition of the underlaying PET-polymer; with density >1 g/cm³ (PVC; PS; PET; PETG); Foamed PETG sleeves; PET sleeves with washable inks
	Tamper Evidence Wrap	PE; PP; OPP; EPS, Foamed PET (all with density <1 g/cm³)		Materials density >1 g/cm³ (metal; PVC; PS; PET, PETG); Metallised materials
	Direct Printing	Laser marked print	Printed production or expiry date	Any other direct printing