

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
	A - B	B - C	D - E - F
DESCRIPTION	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 PS 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 PS recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PS recycling
MATERIAL	PS		PS foamed < 1 g/cm³; multilayers
MATERIAL COMPOSITION	A when PS content is > 95%; B when PS content is > 90%	C when PS content is > 70%	D when PS content is > 50%; E when PS content is > 30%; F when PS content is < 30%
COLOURS	Light colours	Dark colours (NIR detectable)	Non NIR detectable colours
SIZE		Items compacted < 5 cm	Items compacted < 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		EVOH	PA; PVDC
ADDITIVES	Additives that are unavoidable in processing (stabilizers, antioxidants, lubricants, nucleating agents, peroxides) and in formulation (SBS copolymer) with density remains between 1 and 1,07 g/cm³	Mineral fillers (CaCO3, talc) not increasing density > 1,07 g/cm³	Additives increasing density > 1,07 g/cm³; Bio/oxo/photodegradable additives
CLOSURE SYSTEM	PS	PP, PE, paper without fiberloss	PET; PETG; PVC; PLA; Paper with fiberloss; Any other material with density > 1 g/cm³; Non detaching or welded closures; Aluminium; metal
LINERS, SEALS AND VALVES	PS	PP; PE; EVA; TPE; Removable aluminium lidding	PET; PETG; PVC; PLA; Any other material with density > 1 g/cm³; Metal; metal foil; silicone
LIDS	PS	PP; PE; Removable aluminium lidding; Paper without fiberloss	PVC; Aluminium foil; paper with fiberloss; Multilayer PET/paper or PET/PS; Any other material with density > 1 g/cm³
OTHER COMPONENTS	PS	PP, PE, paper without fiberloss	PET; PETG; PVC; PLA; metal; metal foil; any other material with density > 1 g/cm³
INKS	Non toxic and non-bleeding inks (follow the EuPIA Guidelines)		Inks that bleed; Toxic or hazardous inks; PVC binders
LABELS MATERIALS PSL, WET-GlUE LABELS, WRAP-AROUND LABELS, IML	Labels in PS	Labels in PP, PE (with density < 1 g/cm³); Label in paper without fiberloss	Labels that hinder the recognition of the PS; PET; PETG; PVC; PLA; Paper with fiberloss; In-Mould-Labels; Metallised materials; Aluminium
ADHESIVES FOR LABELS	Water soluble adhesive (@ less than 40°C); Water releasable adhesive (@ less than 40°C)		Non-water soluble adhesive (@ less than 40°C); Non-water releasable adhesive (@ less than 40°C)
SLEEVES	Sleeves in PS; Self-separable plastic and cardboard sleeves under mechanical pressure (sorting test mandatory)	Sleeves in PE, PO (with density < 1 g/cm³); Cardboard sleeves without fiberloss (sorting test mandatory)	Sleeves that hinder the recognition of the PS; PET; PETG; PVC; PLA; Cardboard sleeves with fibreloss during recycling process; Metallised materials; Heavily inked sleeves; Aluminium
DIRECT PRINTING	Laser marked; Production or best-before date; Direct printing (inks + lacquer) representing < 1 wt% of the total packaging (except dark colours)	Any other direct printing	

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

* Class ranking resulting from the RecyClass assessment. B class is reported two times because of the 90-95% amount of PS in the packaging or because of slight incompatibilities in the design.

** Polymer resin can be either fossil- or bio-based

*** Decorative technologies must not hinder the recognition of the underlying PS-polymer. Features as size, print, mass colouration and/or barrier might require to perform a [Sorting Evaluation Protocol](#). Known misleading features are listed on the RecyClass Methodology and the following size indications can be considered to ensure the recognition of PS:

- Size of non-PS detectable surfaces on containers > 500 ml: < 70% coverage

- Size of non-PS detectable surfaces on containers < 500 ml: < 50% coverage

Last update: Dec. 2021