

	CATEGORY	FULL COMPATIBILITY	LIMITED COMPATIBILITY	NONCOMPATIBILITY
	<b>Material Composition (total amount of PE &amp; PP attachments in the packaging)</b>	A ≥ 95 %, B ≥ 80 %	C ≥ 70 %	Non-recyclable < 70 %
	<b>Description (Testing Protocol)</b>	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 PE 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 PE recycling	Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PE recycling
	<b>Description (Methodology)</b>	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from A to B or from B to C	In case of at least one limited compatibility one penalty is applied, lowering the recyclability class from C to non-recyclable	Non-recyclable
MAIN BODY	<b>Materials**</b>	Oriented and non-oriented LDPE, LLDPE (including PE-plastomers), HDPE; <a href="#">EVA</a> , EBA, EEA, EMA copolymers with vinyl acetate and acrylate monomers representing ≤ 5 % of the film; EMAA, EAA copolymers & Ionomers ≤ 20 % C3C2-plastomers ≤ 15 % <a href="#">Electron-beam treatment</a> with average received dose ≤ 9 kGy ***	Multilayer PE/PP with PP ≤ 5 % <a href="#">Electron-beam treatment</a> with average received dose ≤ 15 kGy ***	Multilayer PE/PP with PP > 5 %; Any other polymer (e.g. PET, PVC, etc.) Electron-beam treatment with average received dose > 15 kGy ***
	<b>Colours</b>	Unpigmented; transparent	Light colours; translucent colours	Dark colours; black; carbon black
	<b>Size</b>	<a href="#">Packaging surface &gt; 100 cm²</a>	<a href="#">Packaging surface between 30 and 100 cm² (Sorting test)</a>	Packaging surface ≤ 30 cm²
	<b>Product Residues (Easy-to-Empty Index)</b>	A if the index is ≤ 5 %; B if the index is ≤ 10 %	C if the index is ≤ 15 %	Non compatible if > 15 %
	<b>Barriers</b>	SiOx and AlOx without additional coatings; EVOH ≤ 5 % + PE-g-MAH tie layers with MAH > 0.1 % and EVOH:tie layer ratio ≤ 1	EVOH ≤ 5 % + PE-g-MAH tie layers with MAH > 0.1 % and EVOH:tie layer ratio > 1; ≤ 15 % PA 6/66 copolymer with melting temperature ≤ 192°C and incorporating minimum 10 % PE-g-MAH tie layers	EVOH > 5 %; Any other PA; Metallisation; PVOH PVC, PVDC; any other barrier layer; <a href="#">AlOx coating with PVOH primer</a> ; aluminium
	<b>Additives</b>	Additives that do not increase the density higher than 0,97 g/cm³		Bio-/oxo-/photodegradable additives; foaming agents used as expanding chemical agents; Additives that do increase the density higher than 0,97 g/cm³ (CaCO <sub>3</sub> , talc, glass fibers, etc.)
	<b>Laminating Adhesives</b>	<a href="#">Aliphatic polyurethanes ≤ 2.5 %</a> ; <a href="#">Laminating adhesives approved</a> as fully compatible by RecyClass; To be tested if in combination with <a href="#">barrier other than EVOH</a>	<a href="#">Water-based acrylics ≤ 2.5 %</a> <a href="#">Laminating adhesives approved</a> as limited compatible by RecyClass; To be tested if in combination with <a href="#">barrier other than EVOH</a>	<a href="#">Aliphatic polyurethanes &amp; water-based acrylics &gt; 2.5 %</a> ; Aromatic polyurethanes; Laminating adhesive specially developed for high thermal applications above boiling and/or for high chemical resistance; Any other laminating adhesives (epoxy, etc.)
	ATTACHMENTS	<b>Closure Systems</b>	LDPE, LLDPE (including PE-plastomers), HDPE	PP
<b>Liners, Seals and Valves</b>		LDPE, LLDPE (including PE-plastomers), HDPE	PP, removable aluminium liddings	Metal, aluminium, PVC, PET, PETG, PS, PLA, foiled paper, non-PO or foams with density ≤ 1 g/cm³
<b>Other Components</b>		LDPE, LLDPE (including PE-plastomers), HDPE	PP	Metal, aluminium, PVC, PET, PETG, PS, PLA, or foams with density ≤ 1 g/cm³
DECORATION	<b>Facestock Label Materials</b>	PE	PP	Metallized labels, any other; paper labels
	<b>Adhesives for Labels</b>	Water soluble or water-releasable at less than 40 °C		Adhesives non-soluble in water or non-releasable in water at less than 40 °C
	<b>Inks</b>	Non-bleeding (retentive)**** inks compliant with <a href="#">EuPIA Exclusion Policy</a> ; PU-based inks; PVB-based inks; PA-based inks Printed production or expiry date	Mandatory information (product name, ingredients, barcode, etc.); Inks ≤ 0.25 %	NC-based inks; Bleeding inks; Inks non-compliant with <a href="#">EuPIA Exclusion Policy</a> ; Printing with coverage > 50 %** PVC co- and terpolymer binders; Any other chlorinated binders
	<b>Other Decorative Technologies</b>	Laser marking for production or expiry date	Laser marking with coverage ≤ 30 %;	

Disclaimer: Use of recycled content does not impact the recyclability assessment.

\*Approved technologies can be found [here](#).

\*\*Polymer resin can be either fossil- or bio-based, virgin or recycled.

\*\*\*Electron-beam thresholds to be finetuned with additional data.

\*\*\*\*Non-bleeding (retentive) inks behavior can be evaluated using RecyClass Quick Test Procedure for Bleeding Inks applied on PE & PP Films.