Natural PP Flexible Films for Household and Commercial Packaging

		FULL COMPATIBILITY	LIMITED COMPATIBILITY	NON-COMPATIBILITY
	MATERIAL COMPOSITION (TOTAL AMOUNT OF **PP** & AMOUNT OF **PE ATTACHMENTS** IN THE PACKAGING)	**A >= 95%, B >= 80% and all packaging features are FULLY compatible with recycling**	**C >= 70% and all packaging features are FULLY compatible with recycling**	**Non-recyclable < 70 % and all packaging features are FULLY compatible with recycling**
	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 PP 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 PP recycling**	**Materials that failed the testing protocols OR materials that have not been tested (yet), but pose a high risk of interfering with PP recycling**
	DESCRIPTION (METHODOLOGY)	**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	MATERIAL*	**Oriented and non-oriented PP (including PP-plastomers)**	**Multilayer PP/PE with PE <= 10 %**	**Any other polymer (ex. PET, PVC, etc.)**
MAIN BODY	COLOURS	**Unpigmented; transparent**	**Light colours; translucent colours**	**Dark colours; black; carbon black**
MAIN BODY	SIZE	**Packaging surface > 100 cm²**	**Packaging surface between 30 and 100 cm² (sorting test)**	**Packaging surface < 30 cm²**
MAIN BODY	PRODUCT RESIDUES (EASY TO EMPTY INDEX)	**A if the index is < 5 %; B if the index is < 10 %**	**C if the index is < 15 %**	**Index is >= 15 %**
MAIN BODY	BARRIER	**SiOx and AlOx without additional coatings**	**<= 5 % EVOH (in polyolefinic combination film)**	**> 5 % EVOH (in polyolefinic combination film); Barrier layer PVC, PVDC, PA; AlOx coating with PVOH primer; any other barrier layer; metallisation; aluminium**
MAIN BODY	ADDITIVES	**Additives that do not increase the density higher than 0,97 g/cm³**		**PBT Voiding Agent; Bio-/oxo-/photodegradable additives; foaming agents used as expandant chemical agents; Additives that do increase the density higher than 0,97 g/cm³ (CaCO3, talc, glass fibers, etc.)**
MAIN BODY	LAMINATING ADHESIVES	**Aliphatic polyurethanes <= 2.3 %; Laminating adhesives approved as fully compatible by RecyClass; To be tested if in combination with a barrier material other than EVOH**	**Aliphatic polyurethanes between 2.3 % and 4.5 %; Water-based acrylics <= 2.5 %; Laminating adhesives approved as limited compatible by RecyClass; To be tested if in combination with a barrier material other than EVOH**	**Aliphatic polyurethanes > 4.5 %; Water-based acrylics > 2.5 %; Aromatic polyurethanes; Laminating adhesives specially developed for high thermal applications above boiling and/or for high chemical resistance (to be tested); Any other laminating adhesives**
ATTACHMENTS	CLOSURE SYSTEM	**PP (including PP-plastomers)**	**PE**	**Metal, aluminium, PVC, PET, PETG, PS, PLA, non PO or foams with density < 1 g/cm³**
ATTACHMENTS	LINERS, SEALS AND VALVES	**PP (including PP-plastomers)**	**PE, removable aluminium liddings**	**Metal, aluminium, PVC, PET, PETG, PS, PLA, foiled paper, non PO or foams with density < 1 g/cm³**
ATTACHMENTS	OTHER COMPONENTS	**PP (including PP-plastomers)**	**PE**	**Metal, aluminium, PVC, PET, PETG, PS, PLA, paper, foams with density < 1 g/cm³**
DECORATION	FACESTOCK LABEL MATERIAL	**PP**	**PE**	**Metallized labels, any other; paper labels**
DECORATION	ADHESIVES FOR LABELS	**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**
DECORATION	INKS**	**Retentive inks compliant with EuPIA Exclusion Policy: Printed production or expiry date**	**Printing with coverage < 50 %*****	**Bleeding inks; Inks non-compliant with EuPIA Exclusion Policy; PVC co- and terpolymer binders; Any other chlorinated binders; Printing covering > 50% *****
DECORATION	OTHER DECORATIVE TECHNOLOGIES	**Laser marking for production or expiry date**	**Laser marking with coverage < 50 %*****	

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

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

** Nitrocellulose (NC) based inks impact on recyclability is under investigation by RecyClass.

*** Temporary solution

**** Approved technologies can be found here

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