



CATEGORY	FULL COMPATIBILITY	NOT RECOVERED FROM THE WEEE*	LIMITED COMPATIBILITY	NON COMPATIBILITY
<b>Description</b>	Features in this column are preferred solutions, which will be recovered and recycled at industrial scale. They will not disturb the recycling process, guaranteeing the best recyclability and quality of recycled material.	Features in this category are currently not recovered in industrial-scale recycling plants, as they are not equipped to recover and recycle polymers with densities above 1.09 g/cm <sup>3</sup> /1.12 g/cm <sup>3</sup> . Foams and films, which are separated via suction systems, are also included.	Elements in this column are not preferred but can be tolerated in the recycling stream. Their presence might affect the quality of the recycled material or lead to material losses during recycling.	This column classifies detrimental and disqualifying features that should be avoided when designing plastic parts for EEE, as these strongly impact the recycling process and/or the quality of the recyclates.
<b>Internal or Exterior Components</b>	ABS PE PP PP filled with a density below 1.09 g/cm <sup>3</sup> PS HIPS PC-ABS	PA PET PMMA PBT POM PP with density above 1.09 g/cm <sup>3</sup> ABS, PC/ABS and PC filled material above 1.12 g/cm <sup>3</sup> PU foams If it is not possible to use one of the commonly recycled polymers for technical reasons, use polymers with a density higher than 1.09 g/cm <sup>3</sup>	SAN, ASA, ABS-ASA, PC-ASA, as they are ending up in the styrenic bath with difficulty of separation during the flotation step (To be tested)	Multilayer structures of different polymers Blends that are not compatible with recycling Thermosets with or without fillers contamination of existing recycling streams Biodegradable Polymers
<b>Functional components</b>	ABS PE PP PP filled with a density below 1.09 g/cm <sup>3</sup> PS HIPS PC-ABS	PA PET PMMA PBT POM PP with density above 1.09 g/cm <sup>3</sup> ABS, PC/ABS and PC filled material above 1.12 g/cm <sup>3</sup> PU foams If it is not possible to use one of the commonly recycled polymers for technical reasons, use polymers with a density higher than 1.09 g/cm <sup>3</sup>		Multilayer structures of different polymers Blends that are not compatible with recycling Thermosets with or without fillers Foamed polymers whose density results in contamination of existing recycling streams Biodegradable Polymers
<b>Sealings</b>		Sealings with density higher than 1.13 g/cm <sup>3</sup>	Non-vulcanised TPE (to be tested)	Vulcanised or crosslinked TPE
<b>Foams</b>		Easy-to-separate foams		Non-separable foams
<b>Components removed during depollution phase</b>		Plastic parts contained or attached to these components do not enter the plastic recycling stream: Battery; Capacitors; Mercury-containing components; Lamps; Toner Any other hazardous components should be easy to dismantle		
<b>Components removed via dismantling</b>				
<b>Additives and fillers</b>	Additives and fillers that will not change the density outside of the desired range for the selected polymer Additives needed for processability that will not hinder recyclability Additives and fillers approved by the RecyClass A & EEE Technical Committee			Biobased fibers Bio-/oxo-/photodegradable additives
<b>Flame Retardants</b>		Components containing flame retardants with a clear density above 1.13 g/cm <sup>3</sup> or a marker, making them easy to identify, track and remove		Any flame-retardant typologie, leading to compound densities below 1.13 g/cm <sup>3</sup> ; Brominated, chlorinated, fluorinated or phosphate flame-retardants
<b>Coatings</b>				Non-removable or not tested coatings
<b>Impact Modifiers</b>	PDE up to 10 wt% in PP or PE EPDM (non-crosslinked), up to 10 wt% in PP or PE TPS up to 10 wt% in PP TPS up to 5 wt% in PE Other impact modifiers approved by the RecyClass A & EEE Technical Committee		PDE above 10 wt% in PP or PE (to be tested) EPDM (non-crosslinked), above 10 wt% in PP or PE (to be tested) TPS between 5 and 10 wt% in PE TPS above 10 wt% in PP (to be tested) Other impact modifiers approved by the RecyClass A & EEE Technical Committee as limited-compatible	Any other impact modifiers (to be tested)
<b>Compatibilizers for Polymer Blend</b>	Compatibilizers for polymer blends approved by the RecyClass A & EEE Technical Committee			
<b>Paints</b>	Paints removable after grinding and washing, at least 90 %		Paints removable after grinding and washing, at least 60 %	Paints removable after grinding and washing below 60 %
<b>Colours</b>	Grey and dark colours		Light colours	
<b>ISO 1043</b>	Embedded coding on each component			

\*WEEE stands for waste electrical and electronic equipment.  
Polymer resin can be either fossil or bio-based, virgin or recycled.  
Approved technologies can be found [here](#).