

List of Proposed Plastics Specification sheets

Purpose: To evidence use of existing standards and common commercial practices (e.g. on purity levels accepted in EU recycling plants) in relation to Basel Convention Decision ref: BC14/12 – Amendments to Annexes II, VIII and IX to the Basel Convention 2019 as well as Commission delegated act [number to be inserted once the act has been adopted] amending Annexes III, IIIA, IV, V and VIII to Regulation (EC) No 1013/2006 of the European Parliament and of the Council on shipments of waste. For clarification, the specification sheets issued will aim not only to be applied to Basel (B3011) but also to plastic waste shipments within the EU (EU3011).

Table 1 - Packaging Plastics - specification sheets list

Polymer Type - sub-grade	Source of Material	Format	Ref.	Purity level %
o Polyethylene (PE)				
LDPE	Household packaging	Film		85
	Industrial & commercial packaging	Film		94
HDPE	All packaging	Rigid items		94
o Polypropylene (PP)				
PP	All packaging	Rigid items		94
o Polystyrene (PS)				
EPS	Industrial & commercial packaging	Rigid items		95
PS	All packaging	Rigid items		95
o Polyethylene terephthalate (PET)				
PET	Household packaging	Rigid items	1.1.1.v1	95
Mixtures of plastic wastes, consisting of polyethylene (PE), polypropylene (PP) or polyethylene terephthalate (PET).				
PE/PP	Household packaging	Rigid items		95
PE/PP/PET	Household packaging	Rigid items		95
N° specifications sheets		9	Packaging sheets	

B3011 - Basel Listing

Plastic waste listed below, provided it is destined for recycling¹³ in an environmentally sound manner and almost free from contamination and other types of wastes (note the related entries on list A A3210 and Y48 in Annex II):¹⁴

- Plastic waste almost exclusively consisting of one non-halogenated polymer, including but not limited to the following polymers:

- o Polyethylene (PE)
- o Polypropylene (PP)
- o Polystyrene (PS)
- o Acrylonitrile butadiene styrene (ABS)
- o Polyethylene terephthalate (PET)
- o Polycarbonates (PC)

- Plastic waste almost exclusively¹⁵ consisting of one cured resin or condensation product including the following:

- o Urea formaldehyde resins
- o Phenol formaldehyde resins
- o Melamine formaldehyde resins
- o Epoxy resins
- o Alkyd resins

- Plastic waste almost exclusively consisting of one of the following fluorinated polymer wastes:¹⁶

- o Perfluoroethylene/propylene (FEP)
- o Perfluoro alkoxyl alkane
- o Tetrafluoroethylene/per fluoro vinyl ether (PFA)
- o Tetrafluoroethylene/per fluoro methylvinyl ether (MFA)
- o Polyvinylfluoride (PVF)
- o Polyvinylidene fluoride (PVDF)

- Mixtures of Plastic wastes, consisting of polyethylene (PE), polypropylene (PP) or polyethylene terephthalate (PET), provided they are destined for separate recycling¹⁷ of each material and in an environmentally sound manner, and almost free from contamination and other types of wastes.¹⁸

*Extract from Basel Decision 14/12-2019. Please note, there are several footnotes in the official text, which can be seen here [\(BC14/12\)](#).

EU 3011 – EU listing

EU3011 Solid plastic waste:

The following plastic materials, provided they are almost free from contamination and other types of waste:

– Plastic waste consisting of one non-halogenated polymer, including but not limited to the following polymers:

- Polyethylene (PE)
- Polypropylene (PP)
- Polystyrene (PS)
- Acrylonitrile butadiene styrene (ABS)
- Polyethylene terephthalate (PET)
- Polycarbonates (PC)
- Polyethers

– Plastic waste consisting of one cured resin or condensation product, including but not limited to the following resins:

- Urea formaldehyde resins
- Phenol formaldehyde resins
- Melamine formaldehyde resins
- Epoxy resins
- Alkyd resins

– Plastic waste consisting of one of the following fluorinated polymers*:

- Perfluoroethylene/propylene (FEP)
- Perfluoroalkoxy alkanes:
- Tetrafluoroethylene/perfluoroalkyl vinyl ether (PFA)
- Tetrafluoroethylene/perfluoromethyl vinyl ether (MFA)
- Polyvinylfluoride (PVF)
- Polyvinylidene fluoride (PVDF)
- Fluorinated ethylene (PTFE)
- Polymers of vinyl chloride.

* Post consumer wastes are excluded

Generic PLASTIC pack type - short description title

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	Unique system coding - PLASTIC 1.1.1. v1	see Table 2
Specification Name	Short name 'Plastic - format - source'	
Basel Convention B3011 reference - 'Decision BC14/12 – Amendments to Annexes II, VIII and IX to the Basel Convention 2019'	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type:- o Basel /EU Listing types - (see above this table)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> Ex : 01.01.01 PET Bottles clear blue 01.02.01 PET Bottle colors 01.03.01 PET trays	
Polymer Type	Common polymer name - abbreviation and full chemical name - ref. ->	Cas. No: 99999-99-9
Waste type	Select from: Household packaging / Other packaging / Technical post-consumer / Technical pre-consumer / All	
Description of possible waste formats	Waste formats covered by the specification (should be wide)	
Possible colour	describe possible colour / tint / opacity / clear / etc	
Transport Format	How the target item appears to the receiving location - what it looks like and consists of -e.g. 'baled PET bottle clear'	
Prior Treatment	describe last process or handling done on the material	
Nominal unit weight	estimate range of unit weight as delivered, (inc. moisture).	

PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	Polymer and pack type as sorted - INCLUDES Other components that make-up the whole pack item (see example page 2)	Min. XX%
Allowed Impurities		
<u>Product related</u>	All other components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids etc). Allowed secondary components can be Target or non-target polymer or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Other Rigid Plastic Packs - commonly recyclable polymer types, NOT target polymer type.	Max. 5%
	Other rigid packs - commonly recycled polymer types	Max. 2%
	Flexible film packaging - recyclable types (PE / PP / PET)	Max. 2%
Other Materials	Paper from pack labels in similar packaging	Max. 1%
Prohibited Contaminants		
Plastic waste	All other polymers, including PVC, PS or non-PO plastic types	Max. 0.1%
Other Materials	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	Z%= 100-XX%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

PET rigid packaging - Household

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	PET 1-1-1-v1	
Specification Name	PET rigid packaging, household origin	
Basel Convention B3011 Listed Polymer Type:	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type: o Polyethylene terephthalate (PET)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> Ex : 01.01.01 PET Bottles clear blue 01.02.01 PET Bottle colors 01.03.01 PET trays	
Polymer Type	PET (Polyethylene terephthalate)	Cas. No: 25038-59-9
Waste type	Household packaging	
Waste format	Rigid packaging items	
Description of possible waste formats	Bottles, trays, other rigid packaging Bales can be bottles only, trays only or mixed	
Possible colour	All colors, transparent or opaque Bales can be mixed-colors or sorted by color, generally clear/light blue ; other transparent colors ; opaque	
Transport Format	Bales	
Source of waste	Collection from household : municipal collection scheme or deposit	
Prior Treatment	NIR Sorted whole items; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	Polymer and pack type as sorted - INCLUDES Other components that make-up the whole pack item (see example page 2)	Min. 95%
Allowed Impurities		
<u>Product related</u>	All other components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids etc). Allowed secondary components can be Target or non-target polymer or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Other Rigid Plastic Packs - commonly recyclable polymer types, NOT target polymer type.	Max. 5%
	Flexible film packaging - recyclable types (PE / PP / PET)	Max. 2%
Other Materials	none	
Prohibited Contaminants		
Plastic waste	All other polymers , including PVC, PS or non-PO plastic types	Max. 0.5%
Other Materials	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than 2%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

HDPE rigid packaging - All origins (household, commercial, industrial)

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	HDPE 3-1-1-v0	
Specification Name	HDPE rigid packaging - All origins (household, commercial, industrial)	
Basel Convention B3011 Listed Polymer Type:	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type: o Polyethylene (PE)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> Ex : 01.01.01 HDPE Bottles clear blue 01.02.01 HDPE Bottle colors 01.03.01 HDPE trays	
Polymer Type	HDPE (Polyethylene - High Density)	Cas. No: 9002-88-4
Waste type	Rigid packaging from household and/or commercial and industrial use	
Description of possible waste formats	Bottles, trays, jugs, drums, barrels, boxes, crates, pallets, other rigid packaging Bales can be made of one format only (ex : bottles only) or mixed	
Possible colour	All colors, transparent or opaque Bales can be mixed-colors or sorted by color.	
Transport Format	Bales	
Prior Treatment	NIR Sorted whole items; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	Polymer and pack type as sorted - INCLUDES Other components that make-up the whole pack item (see example page 2)	Min. 94%
Allowed Impurities		
<u>Product related</u>	All other components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids etc). Allowed secondary components can be Target or non-target polymer or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Other Rigid Plastic Packs - commonly recyclable polymer types, NOT target polymer type.	Max. 5%
	Flexible film packaging - recyclable types (PE / PP)	Max. 3%
Other Materials	none	
Prohibited Contaminants		
Plastic waste	All other polymers, including PVC, PS or non-PO plastic types	Max. 0.5%
Other Materials	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

PP rigid packaging - All origins (household, commercial, industrial)

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	PP 3-1-1-v0	
Specification Name	PP rigid packaging - All origins (household, commercial, industrial)	
Basel Convention B3011 Listed Polymer Type:	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type: o Polypropylene (PP)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> Ex : 01.01.01 PP Bottles clear blue 01.02.01 PP Bottle colors 01.03.01 PP trays	
Polymer Type	PP (Polypropylene)	Cas. No: 9003-07-0
Waste type	Rigid packaging from household and/or commercial and industrial use	
Waste format	Rigid packaging items	
Description of possible waste formats	Bottles, trays, jugs, drums, barrels, boxes, crates, pallets, other rigid packaging, as well as big-bags (flexible woven PP) Bales can be made of one format only (ex: bottles only) or mixed	
Possible colour	All colors, transparent or opaque Bales can be mixed-colors or sorted by color.	
Transport Format	Bales	
Source of waste	Collection from administrations, companies (comingled or separate collection) or household (municipal collection scheme or deposit)	
Prior Treatment	sorted whole items; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	Polymer and pack type as sorted - INCLUDES Other components that make-up the whole pack item (see example page 2)	Min. 94%
Allowed Impurities		
<u>Product related</u>	All other components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids etc). Allowed secondary components can be Target or non-target polymer or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Other Rigid Plastic Packs - commonly recyclable polymer types, NOT target polymer type.	Max. 5%
	Flexible film packaging - recyclable types (PE / PP)	Max. 3%
Other Materials	none	
Prohibited Contaminants		
Plastic waste	All other polymers, including PVC, PS or non-PO plastic types	Max. 0.5%
Other Materials	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

PS rigid packaging - All origins (household, commercial, industrial)

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	PS 3-1-1-v0	
Specification Name	PS rigid packaging - All origins (household, commercial, industrial)	
Basel Convention B3011 Listed Polymer Type:	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type:	
	o Polystyrene (PS)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> 01.03.01 PS trays	
Polymer Type	PS (polystyrene)	Cas. No: 9003-53-6
Waste type	Rigid packaging from household and/or commercial and industrial use	
Waste format	Rigid packaging items	
Description of possible waste formats	Bottles, trays, jugs, drums, barrels, boxes, crates, pallets, other rigid packaging. Bales can be made of one format only (ex : bottles only) or mixed	
Possible colour	All colors, transparent or opaque Bales can be mixed-colors or sorted by color.	
Transport Format	Bales	
Source of waste	Collection from administrations, companies (comingled or separate collection) or household (municipal collection scheme or deposit)	
Prior Treatment	sorted whole items; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	Polymer and pack type as sorted - INCLUDES Other components that make-up the whole pack item (see example page 2)	Min. 95%
Allowed Impurities		
<u>Product related</u>	All other components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids etc). Allowed secondary components can be Target or non-target polymer or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Other Rigid PET, PP or HDPE Plastic packaging	Max. 5%
	Flexible film packaging - recyclable types.	Max. 2%
Other Materials	none	
Prohibited Contaminants		
Plastic waste	All other polymers, including PVC, PS or non-PO plastic types	Max. 0.5%
Other Materials	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

EPS foamed rigid packaging - All origins (household, commercial, industrial)

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	EPS 3-1-1-v0	
Specification Name	EPS foamed rigid packaging - All origins (household, commercial, industrial)	
Basel Convention B3011 Listed Polymer Type:	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type: o Polystyrene (PS)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> <i>Ex. 01.03.01 EPS packs</i>	
Polymer Type	EPS, XPS (expanded polystyrene)	Cas. No: 9003-53-6
Waste type	Rigid packaging foam from household and/or commercial and industrial use	
Waste format	Rigid packaging items	
Description of possible waste formats	Trays, boxes, crates, edge protection & other rigid cushion packaging. Bales can be made of one format only (ex : trays only) or mixed	
Possible colour	All colors; white is most common. Bales can be mixed-colors or sorted by color.	
Transport Format	Bales; compacted blocks.	
Source of waste	Collection from administrations, companies (comingled or separate collection) or household (municipal collection scheme or deposit)	
Prior Treatment	Clean, sorted packaging items; baled and compacted for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	EPS (or XPS) rigid packaging, INCLUDING secondary components that make-up the whole pack item (see example page 2)	Min. 95%
Allowed Impurities		
<u>Product related</u>	All secondary components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids / closure system / hinges / handles etc). Allowed secondary components can be PS or non-PS or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Other Rigid PET, PP or HDPE Plastic packaging	Max. 5%
	Flexible film packaging - recyclable types.	Max. 2%
Other Materials	none	
Prohibited Contaminants		
Plastic waste	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
Other Materials	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Max. 0.5%
	Paper cartons; magazine; letters; pamphlets.	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

PE/PP/PET rigid packaging - All origins (household, commercial, industrial)

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	MIX 1-1-1-v0	
Specification Name	Mixed PE, PP, PET rigid packaging.	
Basel Convention B3011 Listed Polymer Type:	Mixture of plastic waste, consisting of polymer types:	
	Polyethylene (PE), polypropylene (PP) or polyethylene terephthalate (PET)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> <i>Ex: TBC.</i>	
Polymer Type	Mix of PE, PP, PET	
Waste type	Household packaging	
Waste format	Rigid packaging items	
Description of possible waste formats	Bottles, trays, other rigid packaging Bales can be bottles only, trays only or mixed	
Possible colour	All colors, transparent or opaque Bales can be mixed-colors or sorted by color, generally clear/light blue; other transparent colors; opaque	
Transport Format	Bales	
Source of waste	Collection from household; municipal collection scheme or deposit	
Prior Treatment	NIR Sorted whole items; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	PE, PP or PET bottles, trays and other rigid packaging, INCLUDING secondary components that make-up the whole pack item	Min. 95%
Allowed Impurities		
<u>Product related</u>	All secondary components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids etc). Allowed secondary components can be PE, PP or PET or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Flexible film packaging - recyclable types (PE / PP / PET)	Max. 5%
		Max. 2%
Other Materials	none	
Prohibited Contaminants		
Plastic waste	All other polymers , including PVC, PS or non-PO plastic types	Max. 2 %
Other Materials	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

PE/PP rigid packaging - All origins (household, commercial, industrial)

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	MIX 1-1-2-v0	
Specification Name	Mixed PE PP rigid packaging from household	
Basel Convention B3011 Listed Polymer Type:	Mixture of plastic waste, consisting of polymer types:- Polyethylene (PE), polypropylene (PP)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> Ex : TBC.	
Polymer Type	Mix of PE PP	
Waste type	Household packaging	
Waste format	Rigid packaging items	
Description of possible waste formats	Bottles, trays, other rigid packaging Bales can be bottles only, trays only or mixed	
Possible colour	All colors, transparent or opaque Bales can be mixed-colors or sorted by color, generally clear/light blue; other transparent colors ; opaque	
Transport Format	Bales	
Source of waste	Collection from household: municipal collection scheme or deposit	
Prior Treatment	NIR Sorted whole items; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	PE and PP bottles, trays and other rigid packaging, INCLUDING secondary components that make-up the whole pack item	Min. 95%
Allowed Impurities		
<u>Product related</u>	All secondary components on original whole pack design (e.g. caps / neck-ring / labels/ sleeves / lids etc). Allowed secondary components can be PE, PP or PET or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Flexible film packaging - recyclable types (PE / PP / PET)	Max. 5%
	none	Max. 2%
Other Materials		
Prohibited Contaminants		
Plastic waste	All other polymers, including PVC, PS or non-PO plastic types	Max. 2 %
Other Materials	Paper cartons; magazine; letters; pamphlets.	Max. 0.5%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

LDPE film packaging - Household

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	PE 1-2-1-v0	
Specification Name	LDPE film packaging, household origin.	
Basel Convention B3011 Listed Polymer Type:	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type:	
	o Polyethylene (PE)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> Ex : 01.01.01 LDPE flexible film, clear 01.02.01 LDPE film coloured TBC	
Polymer Type	LDPE (Polyethylene - Low Density)	Cas. No: 9002-88-4
Waste type	Household packaging	
Waste format	Film	
Description of possible waste formats	Flexible film packaging, ex. Municipal collections.	
Possible colour	All colours, transparent or opaque; Films can be partially printed. Bales can be mixed-colors or sorted by colour, generally clear, natural; or printed colours.	
Transport Format	Bales	
Source of waste	Collection from household: municipal collection scheme or deposit	
Prior Treatment	Sorted flexible packs; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	LDPE flexible film packaging, INCLUDING secondary components that make-up the whole pack item	Min. 85%
Allowed Impurities		
<u>Product related</u>	All secondary components on original whole pack design (e.g. caps / seal-strips / labels etc). Allowed secondary components can be LDPE or non-LDPE or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Flexible PP packaging films	Max. 10%
	none	
Other Materials		
Prohibited Contaminants		
Plastic waste	Other flexible film packaging	Max. 2%
Other Materials	Rigid packaging	Max. 2%
	Paper cartons; magazine; letters; pamphlets.	Max. 2%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than Z%	15%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing

Sheet Reference Code

PE 2-2-1-v0

LDPE film packaging - industrial and commercial origin

ITEM	DESCRIPTION	NOTE/REF.
Specification Number	PE 2-2-1-v0	
Specification Name	LDPE film packaging, industrial and commercial origin.	
Basel Convention B3011 Listed Polymer Type:	Plastic waste almost exclusively consisting of one non-halogenated polymer, of the type: o Polyethylene (PE)	
	...that is destined for recycling in an environmentally sound manner and almost free from contamination and other types of wastes.	
Corresponding CEN Quality grades for plastic packaging for recycling	<i>(To be documented when finalised by CEN)</i> Ex : 01.01.01 LDPE flexible film, clear 01.02.01 LDPE film coloured TBC	
Polymer Type	LDPE (Polyethylene - Low Density)	Cas. No: 9002-88-4
Waste type	Industrial and commercial packaging - from supply chain.	
Waste format	Film	
Description of possible waste formats	Flexible film packaging. Industrial and commercial applications - typical pallet covers; stretch-wraps; shrink-film covers for goods.	
Possible colour	All colours, transparent or opaque; Films can be partially printed. Bales can be mixed-colors or sorted by colour, generally as clear, natural film types.	
Transport Format	Bales	
Source of waste	Industrial and commercial organisations; logistics and B2B goods.	
Prior Treatment	Sorted flexible packaging items; baled for transport.	
Nominal unit weight	350 to 550 kg / pallet	
PURITY	MATERIAL TYPE	DRY MASS %*
Target Material	LDPE flexible film packaging, INCLUDING secondary components that make-up the whole pack item	Min. 94%
Allowed Impurities		
<u>Product related</u>	All secondary components on original whole pack design (e.g. caps / seal-strips / labels etc). Allowed secondary components can be LDPE or non-LDPE or other materials.	included in above Target%
<u>NON-Product related</u>		
Plastic waste materials	Flexible PP packaging films	Max. 6%
Other Materials	none	
Prohibited Contaminants		
Plastic waste	Other flexible film packaging	Max. 2%
Other Materials	Rigid packaging	Max. 2%
	Paper cartons; magazine; letters; pamphlets.	Max. 2%
	Metal cans, trays, wires, screw-caps, etc.	Max. 0.5%
	Organic waste	Traces only
	All other 'non-packaging' items or materials	Nil
IMPORTANT NOTE	Combined Mass of ALL allowed non-product related impurities + prohibited items MUST be less than 2%	5%
Moisture Content	Water in the bale from rain / shipping - is above the 100% for dry material	NIL% - dry weights only
Residual Contents	Residual liquid / sugar solids / organic deposits INSIDE containers - is ignored for the DRY material composition calculation.	NIL% - assume lost in processing