

RecyClass Unwrapped



RecyClass Unwrapped

Recyclability self-assessment & certification

Moderated by Gian De Belder | Technical Director | Procter & Gamble



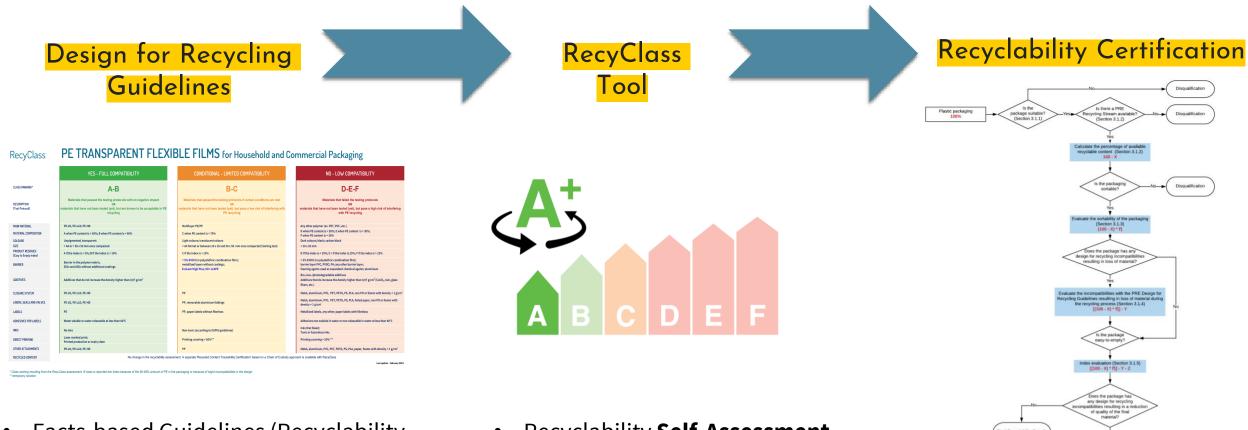


RecyClass Unwrapped Webinar

Recyclability self-assessment & certification

Fabrizio Di Gregorio

How to claim recyclability in 3 steps?



- Facts-based Guidelines (Recyclability Evaluation Protocols)
- DfR Guidelines give an **overview** of the compatible and non-compatible packaging features.

- Recyclability Self-Assessment
- RecyClass Team support

RecyClass

• Recyclability **Assessment** by a recognized Certification Body

"A circular economy is one that is restorative and regenerative by design and **aims to keep products, components and materials at their highest utility and value at all times"** (Ellen McArthur Foundation)



What is the RecyClass online-tool?

RecyClass



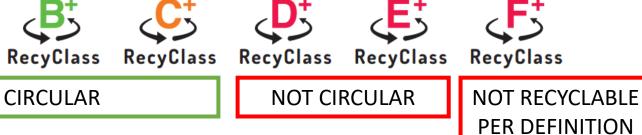
• A tool that ranks the recyclability of a plastic packaging

Kec

It evaluates the package recyclability given the existing recycling streams.



It gives indications to the user about precise critical points to be improved.
 A B C D



1. Packaging composition

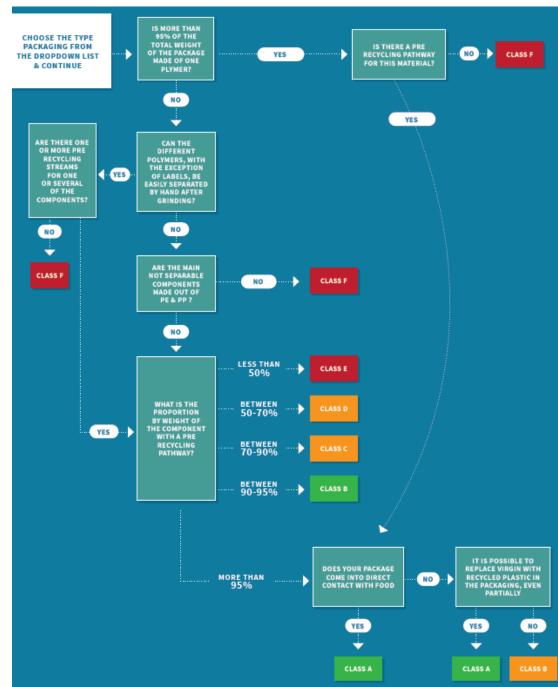
It is based on different areas of questioning.

- General questions (packaging composition)
- Compatibility (DfR guidelines)
- % of recycled plastics content
- Easy-to-empty / Easy-to-access index
- REACH Compliance

Weights of barrier, coating, mineral fillers, closure, label/sleeve, adhesive, printing, as well as any other components have to be considered.

Mono-material packaging is preferred. Indeed, the larger the content of one polymer in the packaging, the higher its recyclability rate will be (i.e. the amount of main plastic effectively recycled).

RecyClass



2. Design compatibily

RecyClass

- The Design for • Recycling Guidelines are transposed to the **RecyClass tool**
- The overall • recyclability of the package could be assessed.

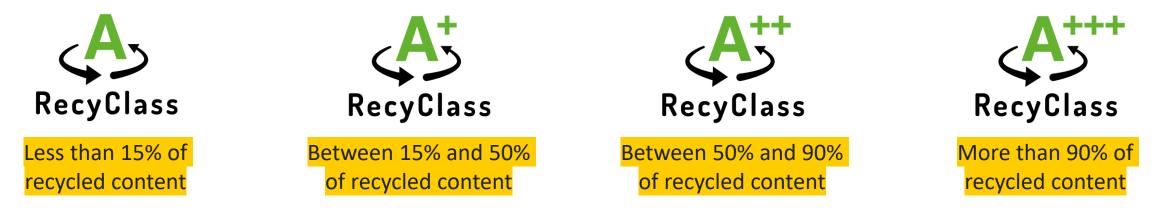


PE TRANSPARENT FLEXIBLE FILMS for Household and Commercial Packaging

	YES - FULL COMPATIBILITY	CONDITIONAL - LIMITED COMPATIBILITY	NO - LOW COMPATIBILITY
CLASS RANKING*	A-B	B-C	D-E-F
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 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
MAIN MATERIAL	PE-LD, PE-LLD; PE-HD	Multilayer PE/PP	Any other polymer (ex. PET, PVC, etc.)
MATERIAL COMPOSITION	A when PE content is > 95%; B when PE content is > 90%	C when PE content is > 70%	D when PE content is > 50%; E when PE content is > 30%; F when PE content is < 30%
COLOURS	Unpigmented; transparent	Light colours; translucent colours	Dark colours; black; carbon black
SIZE	> A4 or > 50 x 50 mm once compacted	< A4 format or between 20 x 20 and 50 x 50 mm once compacted (Sorting test)	< 20 x 20 mm
PRODUCT RESIDUES (Easy to Empty index)	A if the index is < 5%; B if the index is < 10%	Cit die index ta ~ 13 /v	
	Barrier in the polymer matrix;	< 5% EVOH (in polyolefinic combination film);	> 5% EVOH (in polyolefinic combination film);
BARRIER	SiOx and AlOx without additional coatings	metallized layers without coatings; EcoLam High Plus; VO+ LLDPE	foaming agents used as expandant chemical agents; aluminium
ADDITIVES	Additives that do not increase the density higher than 0,97 g/cm ³		Additives that do increase the density higher than 0,97 g/cm ³ (aCO ₃ , talc, glass
CLOSURE SYSTEM	PE-LD, PE-LLD, PE-HD	РР	Metal, aluminium, PVC, PET, PETG, PLA, non PO or foams with density < 1 g/cm ³
LINERS, SEALS AND VALVES	PE-LD, PE-LLD, PE-HD	PP, removable uminium liddings	Metal, aluminium, PVC, PET, PETG, P density < 1 g/cm ³
LABELS	PE	PP, paper labe without fiberloss	Metallized labels, any other; paper la ls with fibreloss
ADHESIVES FOR LABELS	Water soluble or water-releasable at less than 60°C		Adhesives non-soluble in water or no
INKS	No inks	Non-toxic (acc ding to EUPIA guidelines)	Inks that bleed; Toxic or hazardous inks.
DIRECT PRINTING	Laser marked print; Printed production or expiry date	Printing cover v < 50%**	Printing covering > 50% **
OTHER ATTACHMENTS	PE-LD, PE-LLD, PE-HD		Metal, aluminium, PVC, PET, PETG, PPLA, paper, foams with density < 1 g/cm ³
RECYCLED CONTENT	No change in the recyclability assess	nt1 Class	pach is available with RecyClass
* Class ranking resulting from the R ** temporary solution	RecyClass assessment. B class is reported two times because of the 99.95% and of PE in the	packaging or because of slight incompatibilities in the design -3 cla C_{x}^{+} D_{x}^{+} E	SSES + F F + F +
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D			
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3. Recycled Content

• A circular plastics economy is based on the fact that plastic is recycled and used in the production of new products. In order to foster this perspective, "+" bonus to the recyclability result is granted for the use of recycled plastic as follows:



The use of recycled plastic in the packaging is considered a bonus in the self-assessment because of the replacement of a certain rate of virgin plastic. However, the content in recycled plastic **never determines an improvement in the recyclability class.**

The recycled content is **not covered by the Recyclability Certifications**. A separate Recycled Content Traceability Certification based on a Chain of Custody approach is assessing this feature.

4. Easy-to-emply / Easy-to-access index

- The presence of residual product content in the packaging negatively affect its recyclability. Therefore, a packaging which is designed to be emptied easily is more recyclable than one which still contains significant quantities of the product it contained.
- For a package that contains liquids, creams, gels or pasty products the easy-to-empty / easy-toaccess index should be calculated.

Calculation method:

$$(Pe - W)$$

W = weight of a fully empty packaging (without product inside)
 Pf = declared net weight of content (in case of volume it must be converted in weight)

Pe = average weight of empty packaging after normal use, in minimum 10 emptying tests.

 $Ete_i = \left(\frac{10}{Pf}\right) x \ 100$

Resuts

- ✓ More than 5% = -1 class
- ✓ More than 10% = -2 classes
- ✓ Further loss of a class, with each gain of 5% in the calculated index

RecyClass

How to use RecyClass online-tool?



Head over to <u>www.recyclass.eu</u>!



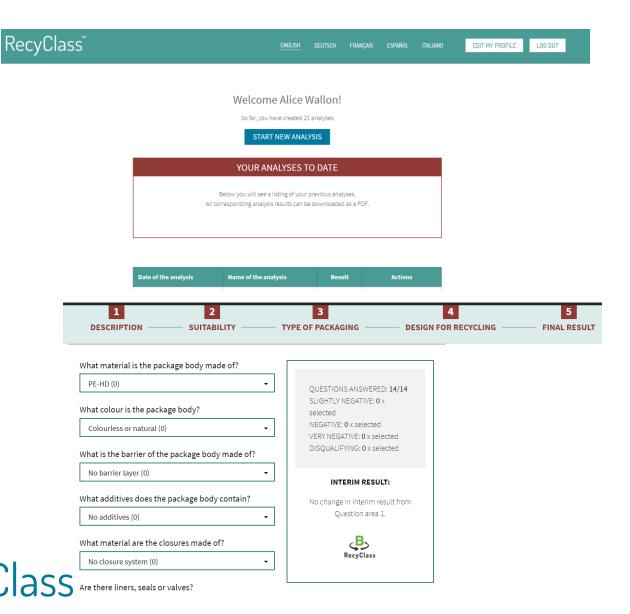
After the analysis is completed you will receive a comprehsensible report with:

- Recyclability class (between A and F)
- Indications about parts to be changed to improve the recyclability of the package.



Users intending to use RecyClass logos and recyclability claims need to have their analysis officially certified.

Kec



Recyclability Certification: available for final package

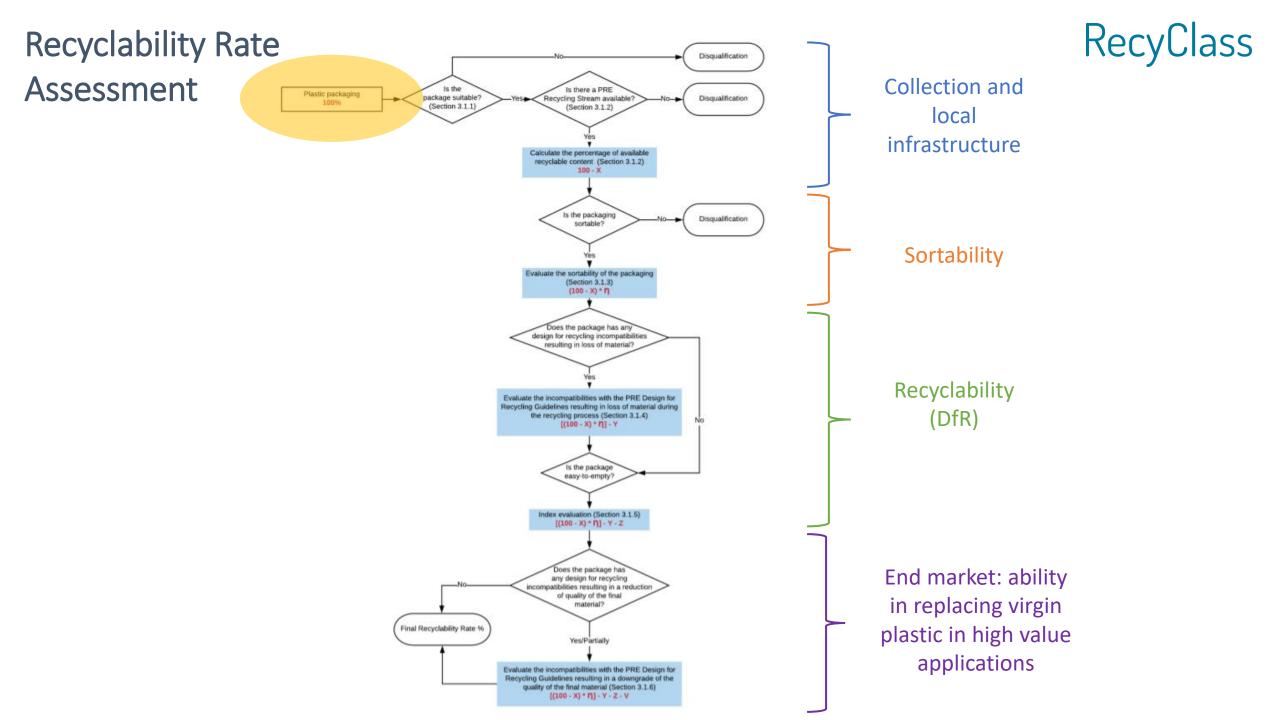
Design for Recycling Assessment

- Qualitative Assessment: ranking from A to F
- Based on the packaging design and the end-market
- Valid for the EU market

Recyclability Rate Assessment

- Quantitative Assessment: % of recyclable content
- Based on the collection and sorting infrastructures, on the packaging design, and on the end-market
- Country-specific

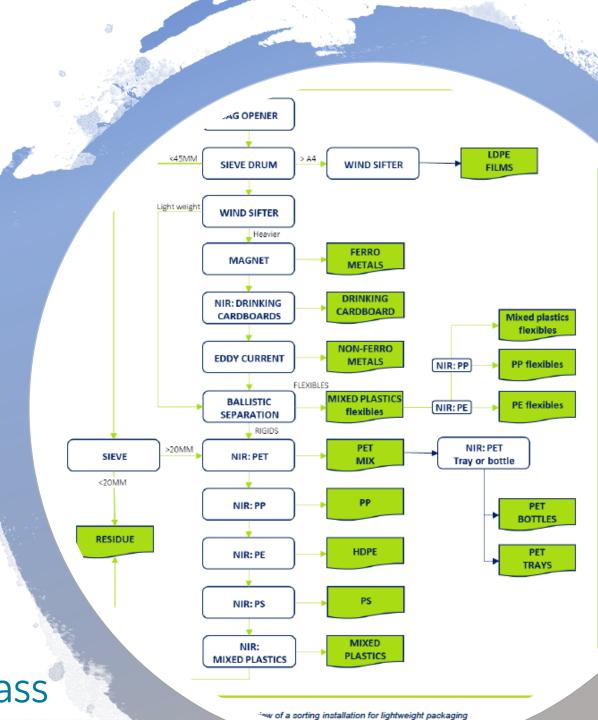
RecyClass



Sorting Protocol

Mandatory for:

- Large labels (covering > 50% of the surface) made from a different polymer
- Full body sleeves
- Perforated full body sleeves
- Multi-layer structures (excluding PE/PP EVOH)
- Metallisation (excluding on the inside/in the middle layer)
- Non NIR detectable colours (also when dark colours used for internal layers)
- Different types of plastic used on front and back sides.
- Different types of plastic (rigids and flexibles) used in the package.
- Round shape, very rigid and hard to compact



Recyclability Certification: Results & Benefits

Design for Recycling assessment	Recyclability Rate assessment
✓ Class ranking from A to F	 Class ranking from A to F
	✓ Recyclability rate from 0 to 100% (format : XX.x%)
 Recycling stream of the packaging 	 Recycling stream of the packaging
	 Countries where the certification is valid.
✓ Use of the RecyClass letter logo ¹	✓ Use of the RecyClass letter logo ¹
 Endorsement of the recyclability claims² by RecyClass 	 Endorsement of the recyclability claims² by RecyClass



DO'S AND DON'TS		
01 Space around the logo Awaya leave the logo some space to breather. Thy cue white or neutral backgrounds. 02 Negative colour If is unavoidable to sit the logo on a colour or a photo, use the negative logo.		os RecyClass
03 Single colour If it's unavoidable, the logo can be used in black and white. 04 No rotation Do not rotate the logo.	RecyClass	RecyClass
Do nor rotate the logo. 05 Colour clash Do not place the colour logo on colour backgrounds, use the negative logo.	RecyClass	RecyCla
06 Careful use of the negative logo Do not use the negative logo on backgrounds that are too light or cluttered.		ور
07 No drop-shadows Do not add embellishments like drop-shadows, embossings etc. to the logo.		RecyClass
		RECYCLASS GUIDELINES 7

- 1. According to the *Logo Use Guidelines* document
- 2. According to the *Use of Claims Guidance* document (*NB*: the rate assessment will lead to additional claims.)

RecyClass



RecyClass Recognized Certification Bodies



Thank you for your attention

<u>www.recyclass.eu</u> info@plasticsrecyclers.eu

RecyClass

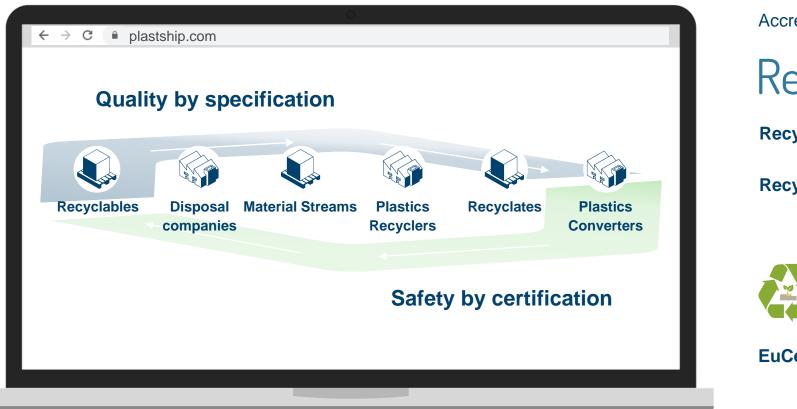


rour plastic recycling network

Certifying packaging recyclability with RecyClass: Experiences from practice

RecyClass Unwrapped 24.02.2021

plastship is a digital industry platform for procurement, quality assurance and traceability of plastics recyclates throughout the value chain to ensure safety and to promote the European recycling industry.



Accredited to conduct:

RecyClass[™]

Recyclability Certifications

Recycled Content Certifications



EuCertPlast Certificiations



Company founded in June 2018, Managing Directors Andreas Bastian and Konstantin Humm with background in the industry, business development and logistics;

Main shareholder is RIGK GmbH, operator of take-back systems for plastics and packaging in the industrial sector.

Agenda

Recyclability recap
 Certification options
 Prerequisites for the assessment
 Assessment and certification in practice

1. Recyclability recap

Collection

Sorting

Recycling

Use as raw material

The product must be made with a plastic that is **collected** for recycling, has market value and/or is supported by a legislatively mandated program.

The product must be **sorted** and aggregated into defined streams for recycling processes.

The product can be processed and reclaimed/**recycled** with commercial recycling processes.

The recycled plastic becomes a **raw material** that is used in the production of new products.





"...by **2030, all plastics packaging** placed on the EU market is reusable or **easily recycled**".

"...urgent to develop a European market for recycled plastics."

"... by **2025, ten million tonnes of recycled plastics** [] into new products on the EU market."



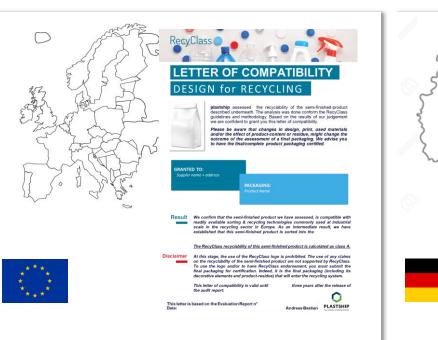
2. Certification options

Demonstrate recyclability: More information in the <u>official document on the method</u>. We will be happy to advise you on certification options and how to improve recyclability.



Design for Recycling Assessment:

<u>Basis</u> :	Complete plastic packaging incl. all components and contents
<u>Result</u> :	Certificate with recyclability class in A-F incl. report
<u>Validity</u> : <u>Objective</u> :	3 years, Europe-wide To have the recyclable design of the packaging verified throughout Europe and to communicate this to customers.



Letter of Compatibility:

<u>Basis</u> :	Individual packaging components (incomplete packaging) without contents
Result:	Recyclability class in A-F
Validity:	3 years, Europe-wide
Objective:	Demonstrate recycling-compatible
	design of packaging components
	throughout Europe lassen
Remark:	Limitation of recyclability statements
	to the content of the LoC for
	communication to B2B customers

Recyclability Rate Assessment:

<u>Basis</u> :	Complete plastic packaging incl. all components and contents
Result:	Certificate with recyclability class in
	A-F and % rating incl. report
Validity:	3 years, Germany-wide
<u>Objective</u> :	Demonstrate recyclability in detail in a specific geographic area
Validity:	A-F and % rating incl. report 3 years, Germany-wide Demonstrate recyclability in detail in

RecyClass

95 %

recycling process.

ecyclability. The value represent

the amount of material that will be effectively recycled during a

RECYCLABILITY RATE

CERTIFICATE

THIS CERTIFIES THAT

Brand and product name

Company name

has successfully been certified by RecyClass:

This certificate is based on the Audit Report n* XXX-XX.XX

The Certificate and its results are valid for name of country

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PACKAGING RECYCLABILITY Ą

RecyClass

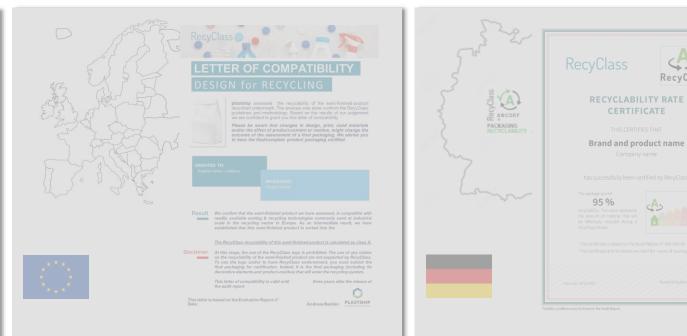
Name of Auditor & Signature

Demonstrate recyclability: More information in the official document on the method. We will be happy to advise you on certification options and how to improve recyclability.



Design for Recycling Assessment:

Basis:	Complete plastic packaging incl. all components and contents
<u>Result</u> :	Certificate with recyclability class in A-F incl. report
Validity:	3 years, Europe-wide
Objective:	To have the recyclable design of the packaging verified throughout Europe and to communicate this to customers.



Letter of Compatibility:

B

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<u>asis</u> :	Individual packaging components (incomplete packaging) without
	contents
<u>esult</u> :	Recyclability class in A-F
alidity:	3 years, Europe-wide
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	throughout Europe lassen
emark:	Limitation of recyclability statements
	to the content of the LoC for
	communication to B2B customers

Recyclability Rate Assessment:

Basis:	Complete plastic packaging incl. all
Deeulti	components and contents
<u>Result</u> :	Certificate with recyclability class in A-F and % rating incl. report
Validity:	3 years, Germany-wide
<u>Objective</u> :	Demonstrate recyclability in detail in a specific geographic area

A

RecyClass

A

3. Prerequisites for the assessment

How is the process from first exchange to receipt of the certificate?

Application: First exchange about the assessment and application Application approval: NDA is signed, offer is accepted and feasibility is confirmed Data transfer and testing: Collect all data and perform all tests needed to create the report

Assessment: Certification codes are issued and report plus certificate is created and

approved

- 1. Self-Assessment
- 2. Application Form

- 3. Non-Disclosure Agreement
- 4. Confirmation of feasibility (covered by guidelines) and quotation

- 5. Specifications and samples
 - 6. Equivalent packaging
 - 7. Test conduction

8. Certification code(s)

9. Certificate, Audit report, Logo, Use of claim guidance

What is generally and for all options needed to conduct a recyclability assessment?

Product name	Shampoo Bottle				
Certification Code	XXX-XXX-XX				
Component No.	Component type	Raw material	Weight (g)	Weight (%)	Component basis colour
1	Bottle	PE-HD	26,2	69,89%	white
	White Masterbatch	50% PE	0,74	1,97%	white
	2K-Closure lower part	PP	6,1	16,27%	white
3	2K-Closure upper part	PE-HD	3,2	8,54%	white
	White Masterbatch	50% PE	0,05	0,13%	white
4	Label front	PE	0,4	1,07%	natural / translucent
5	Label back	PE	0,6	1,60%	natural / translucent
6	Adhesives	-	0,1	0,27%	-
7	Inks	-	0,1	0,27%	mixed
Total			37,49	100%	

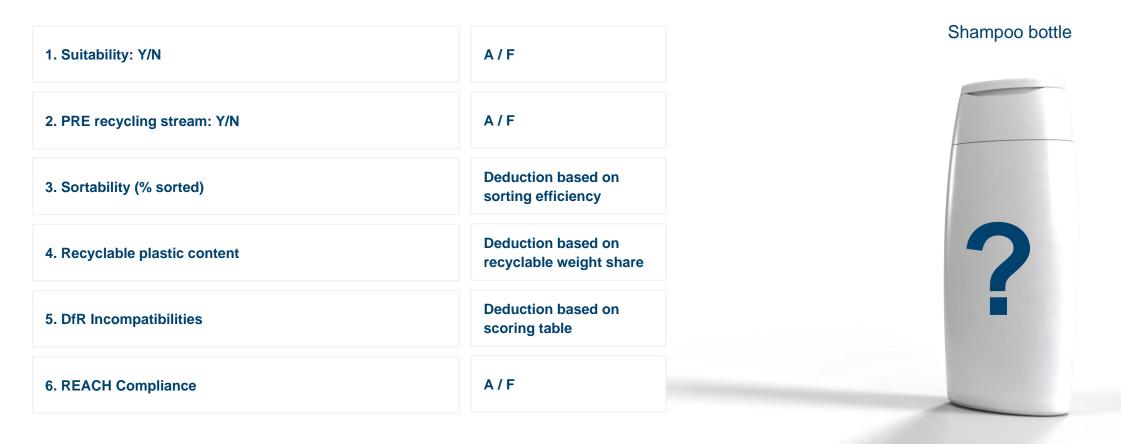
Packaging composition incl. raw materials and weigths

Min. 10 samples of the whole packaging including contents

Packaging specification and specifications on masterbatches, and inks/adhesives

4. Assessment and certification in practice

Steps within the Design for Recycling Assessment: More information can be found in the <u>official document</u> <u>on the method</u>.



Info needed: Packaging type and packaging specification incl. the weight share (wt%) of used polymers, all information concerning used materials

(Potential) practical tests: Sorting test, floatation of PO-components, weighing, measuring

(A)

Verify Criterion 1: Suitability

As a first step in the assessment the suitability of the packaging to be tested via the RecyClass recyclability assessment is verified. This step is conducted before the setup of the assessment and before certification codes are communicated by RecyClass.

\checkmark	Does your packaging consist predominantly of plastic by weight (i.e., more than 50%)?
 	Does the surface of your packaging consist of at least 50% of plastic?
×	Is there an aluminium layer, e.g., in a multilayer film thicker than 5 μ m, or an aluminium label/sleeve which the user cannot remove when opening the packaging?
×	Does your packaging have a surface with a colour containing non detectable carbon black?
×	Will or is your packed good considered as a Plant Protection Product or Biocidal Product as defined in the Plant Protection Products Directive (No 1107/2009) and Biocidal Product Regulation (No 528/2012)?
×	Is your packaging containing bio- or oxo-degradable plastics?



Packaging is suitable for analysis



Verify Criterion 2: PRE stream availability, starting from Class A

Packaging with a PRE recycling stream in place, meaning that collection, sorting and recycling are established and functioning at least in one European Country. Recycling pathways recognized by Plastics Recyclers Europe (PRE) are PET-bottles, PET trays, PE films, PP films, PE containers, PP containers, PE and PP crates & pallets, Polyolefin-based pots, tubs & trays.

Reference point is the main body / main material of the packaging.

Component type	Raw material	Weight (g)	Weight (%)	Component basis colour
Bottle	PE-HD	26,2	69,89%	white

HDPE natural containers	PE natural flexible films	PO thermoforming
HDPE coloured containers	PE coloured flexible films	PET transparent clear bottles
PP natural containers	PP natural flexible films	PET transparent coloured bottles
PP coloured containers	PP coloured flexible films	PET transparent clear trays

PRE stream for the packaging is in place



Result: Intermediate class A

Verify Criterion 3: Sortability, starting from Class A

Plastic packaging can be sorted into a polymer stream according to the state-of-the-art technology available in Europe. The RecyClass Sorting Protocol must be applied in the following cases, in which sorting can be negatively affected:

X	Large labels (covering > 50% of the surface) made from a different polymer
×	Full body sleeves
X	Perforated full body sleeves
X	Multi-layer structures (excluding PE/PP EVOH)
X	Metallisation (excluding on the inside/in the middle layer)
×	Non NIR detectable colours on the packaging (i.e. when dark colours used for internal layers)
X	Different types of plastic used on front and back sides
×	Different types of plastic (rigids and flexibles) used in the packaging
X	Ferro magnetic components
X	Round shape, very rigid and hard to compact

Flowsheet of the sorting process

Но	usehold / packaging collection
	Compaction
	Bag opening
	Sieve classification
_	Wind sifter
	Magnetic separator
	Eddy current separator
	Ballistic separator
_	NIR PET
_	NIR PP
	NIR PE
	NIR Mixed Plastics

Sorting protocol is not applied

Result: Intermediate class A

Verify Criterion 3: Sorting Protocol



>70%: 50-70%: 30-50%: <30%: -0 class -1 class -2 classes class F (disqualified)

Verify Criterion 4: Recyclable Plastic Content, starting from Class A

The design compatibility process is carried out to establish the amount of recyclable plastics in the packaging and its ability to replace virgin plastics in new products. Any non-recoverable (non-plastic) materials must be considered and removed from the proportion of recyclable plastics. The class ranking to consider is the following: A: > 95%; B: 90-95%; C: 70-90%; D: 50-70%; E: < 50%.

Product name	Shampoo Bottle]		
Certification Code	XXX-XXX-XX				
Component No.	Component type	Raw material	Weight (g)	Weight (%)	% of non-recoverable materials
1	Bottle	PE-HD	26,2	69,89%	-
	White Masterbatch	50% PE	0,74	1,97%	0,985%
	2K-Closure lower part	PP	6,1	16,27%	-
3	2K-Closure upper part	PE-HD	3,2	8,54%	-
	White Masterbatch	50% PE	0,05	0,13%	0,065%
4	Label front	PE	0,4	1,07%	-
5	Label back	PE	0,6	1,60%	-
6	Adhesives	-	0,1	0,27%	0,27%
7	Inks	-	0,1	0,27%	0,27%
Total			37,49	100%	1,59%

100% weight

- 1,59% non-recoverable materials

98,41% recyclable plastics

Result: Intermediate class A: > 95%

Verify Criterion 5: DfR Incompatibilities, starting from Class A (> 95%)

Attributes (# parameter values)	Parameter values	Effect on Assessment	Effect on Recyclability Dimensions
General disqualifiers (6)	No deduction		Recycling
Main material (4)	PP content at 6,1%	>4% and <10% = -1 class	299923
Size (2)	>5 cm compacted, no deduction		Use as raw material
Sorting (4)	No deduction		
Colours (3)	No deduction, no value applicable		
Barrier (6)	No deduction, not present		
Laminating adhesive (2)	No deduction, not present		
Masterbatch (1)	Non-PE content at 1,05%	No class deduction	
Additives (1)	No deduction, not present		
Closure Systems (5)	PP (reference to main material)	-1 class, no further class deduction	
Liners, Seals and Valves (10)	No deduction, not present		
Labels (10)	No deduction since PE		
Sleeves (10)	No deduction, not present		
Tamper Evidence Wrap (1)	No deduction, not present		
Adhesives, non-recyclable (3)	0,27%	No class deduction	
Inks, non-recyclable (3)	0,27%	No class deduction	
Direct Printing (1)	No deduction, not present		
Other components (4)	No deduction, not present		

Result: Intermediate class **B**

Verify Criterion 6: Easy-to-Empty Index, starting from B

Packaging has to be easily accessible and emptied to allow minimization of the contained residues in the recycling stream. The presence of product residues on the packaging is evaluated by emptying and weighting 10 times the packaging and applying the formula:

$$Ete_i = \left(\frac{Pe - W}{Pf}\right)x \ 100$$

		Pe = Average weight of empty packaging	F4-
content (g)	packaging (F)	after normal use	Ete
260	37,49	45,20	2,97
260	36,49	51,10	5,62
260	37,49	42,10	1,77
260	38,49	40,60	0,81
260	37,45	46,00	3,29
260	37,20	47,50	3,96
260	37,30	48,00	4,12
260	37,69	46,20	3,27
260	37,50	45,30	3,00
260	37,80	44,10	2,42
260,00	37,49	45,61	3,12



Ete < 5, no deduction



Preparation of the audit report, issuing the certificate with reference to the use of claims



CLASS A: The package does not pose any recyclability issues and it can potentially feed a closed-loop scheme to be used in the same application.

CLASS B: The package has some minor recyclability issues and could even potentially feed a closed loop scheme.

CLASS C: The package has some recyclability issues that affect the quality of its final recyclate.

CLASS D: The package has some significant design issues that highly affect its recyclability.

CLASS E: The package has major design issues that put in jeopardy its recyclability.

CLASS F: The package is not recyclable either because of fundamental design issues or a lack of specific waste stream widely present in the EU. If your package obtains this class in one of the question areas, then the analysis is completed.



Logo with certification code List of "permitted" statements Link to national collection systems OPTIONAL: Recommendations for disposal UNDER REVISION (public consultation open until 1st March 2021



Full documentation of all test steps Explanations and statements on optimization Signed PDF, 10-16 pages OPTIONAL: further considerations, analyses and benchmarks

Certificate



The certificate is valid for **3 years** and guarantees that the packaging is intended for recycling in Europe. Any change in packaging design must be communicated in order to revise the recyclability of the packaging if necessary.

Thank you very much for your attention.



Andreas Bastian

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How Essity drive packaging recyclability

Experiences and learnings



Anna Körner

Senior Environmental Specialist Sustainability Products & Services Global Brand, Innovation & Sustainability





A Leading Global Hygiene and Health Company

with the vision "Dedicated to improving well-being through leading hygiene and health solutions"



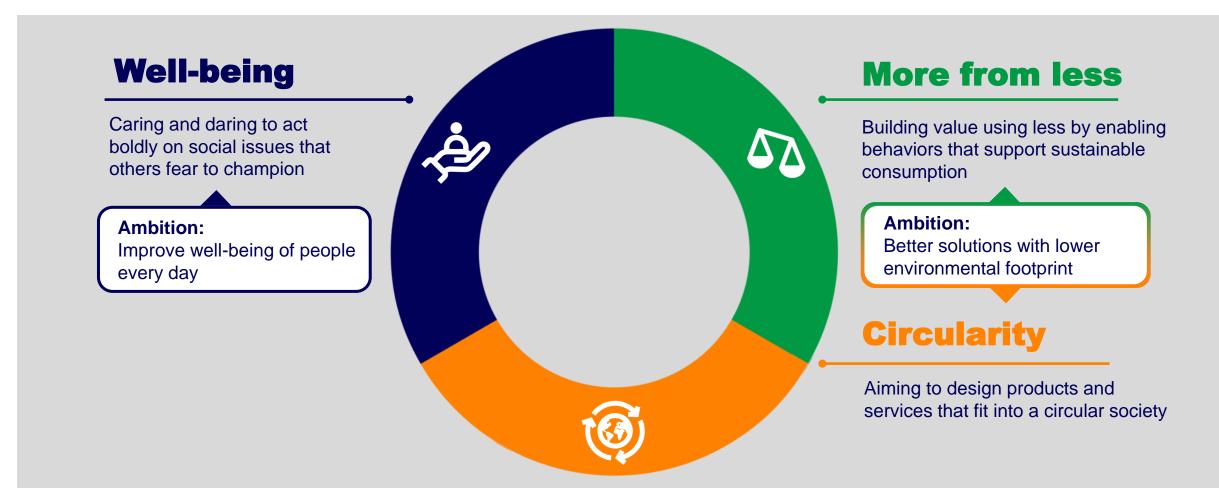




- Essity develops, produces, markets and sells personal care, consumer tissue and professional hygiene products and services
- Sales are conducted in approximately 150 countries under the globally leading brands TENA and Tork, and other strong brands, such as JOBST, Leukoplast, Libero, Libresse, Lotus, Nosotras, Saba, Tempo, Vinda and Zewa
- #1 or #2 positions in about 90 countries
- Approximately 46,000 employees
- Net sales in 2019 amounted to approximately SEK 129bn (EUR 12.2bn)
- The headquarters is located in Stockholm, Sweden
- Essity is listed on Nasdaq Stockholm



Essity Sustainability Platforms







Sustainable Packaging





Circularity

By 2025 Essity work towards 100% recyclability and 85% renewable or recycled materials in our packaging.

Outcome 2019

68% renewable and recycled materials



Plastic Initiative: "A Line in the Sand"

WE'VE SIGNED THE NEW PLASTICS ECONOMY

alphal Commitment



An **Ellen MacArthur Foundation** launched Global Commitment to eliminate plastic waste at source



Circularity Essity is committed to by 2025:

• Work towards **100%** recyclability of plastic packaging

- Use 25% recycled plastic in our plastic packaging
- Reduce unneccesary packaging



Essity packaging target



RecyClass Unwrapped 2021-02-24



Define measuring method

Measuring packaging recyclability

- Looked for a transparent, robust and preferably also globally harmonized way to measure and communicate packaging recyclability
- For plastic packaging, the RecyClass design-for-recycling guideline showed potential to fulfill this
- In 2019 we decided to join the RecyClass platform and start using the RecyClass design-for-recycling guideline for measuring the technical recyclability of plastic packaging.



Using the RecyClass guideline criteria/tool

- Online self assessment tool easy to use
- Expert support from RecyClass available when needed
- Ambition to harmonize criteria and guidelines across Europe and North America
- Good having a scale (RecyClass A-F) for measuring stepwise improvement



Communicating packaging recyclability externally

- High attention and interest of packaging recyclability from external stakeholders
- Essity want to encourage recycling of our packaging.
- Third party verification/certification secure the credibility of our external recyclability communication
- Parts of the assortment design-for-recycling certified
- Can refer to the certificates in external communication but **RecyClass label/logo** has not been used in our communication so far.



RecyClass Certification

Experiences and learnings

> We now have experience from:

- Certifying small, medium and large (covering many hundred articles) packaging families.
- Working with two different auditors

> Learnings:

- Collaboration with auditors work well. Consistent rating of the packaging but slight differences in reporting format and cost.
- Certification and certificate maintenance process works smoothly for single packaging and small, static packaging families.
- We see the need for establishing more pragmatic ways to handle certification and certificate maintenance for large and dynamic packaging families.





Conclusion

Packaging target

→ High commitment within Essity to secure and encourage packaging recyclability

RecyClass design-for-recycling guidelines

→ Transparent and harmonized way for measuring technical recyclability of plastic packaging











RecyClass Unwrapped

Questions & Answers session



Use the Q&A box on the top-right corner of your screen



RecyClass Unwrapped



Thank you for participating!

Next webinars:

07 April 2021: Recyclability & Recycled Content Claims
28 April 2021: Scientific testing with RecyClass – Protocols explained
26 May 2021: Plastic packaging decorations
23 June 2021: Recyclability of personal care packaging

More information on <u>www.recyclass.eu</u>