RecyClass

PLASTIC FUTURE IS CIRCULAR

RecyClass

RECYCLABILITY ASSESSEMENTS – BROCHURE 2023

DESIGN MATTERS!

RecyClass | How does recyclass work?

TESTING PROTOCOLS



- **Lab testing** of innovative plastic packaging vs control material
- Comparison of properties
- Recyclability (Product or Technology) Approvals

DESIGN FOR RECYCLING GUIDELINES



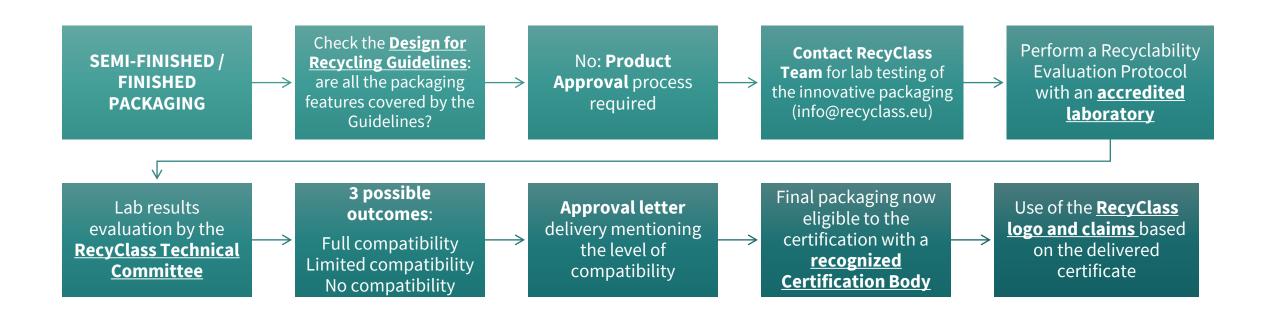
- Design guide & recommendations for plastic packaging
- Design for Recycling (DfR) Guidelines transposed in the Online Tool
- Assessing overall recyclability of a finished package

RECYCLABILITY ASSESSMENTS



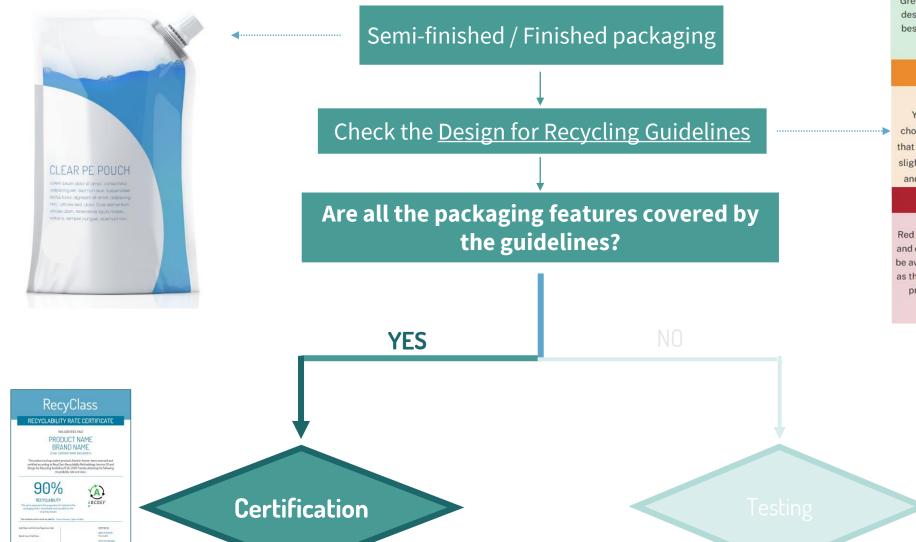
- Recyclability Self-Assessment with the RecyClass Online Tool
- RecyClass Team support
- Recyclability Certification

RecyClass | DECISION TREE and PROCESS





RecyClass | DECISION TREE



FULL COMPATIBILITY

Green column gathers the preferred design features, that guarantee the best recyclability and quality of the recyclate.

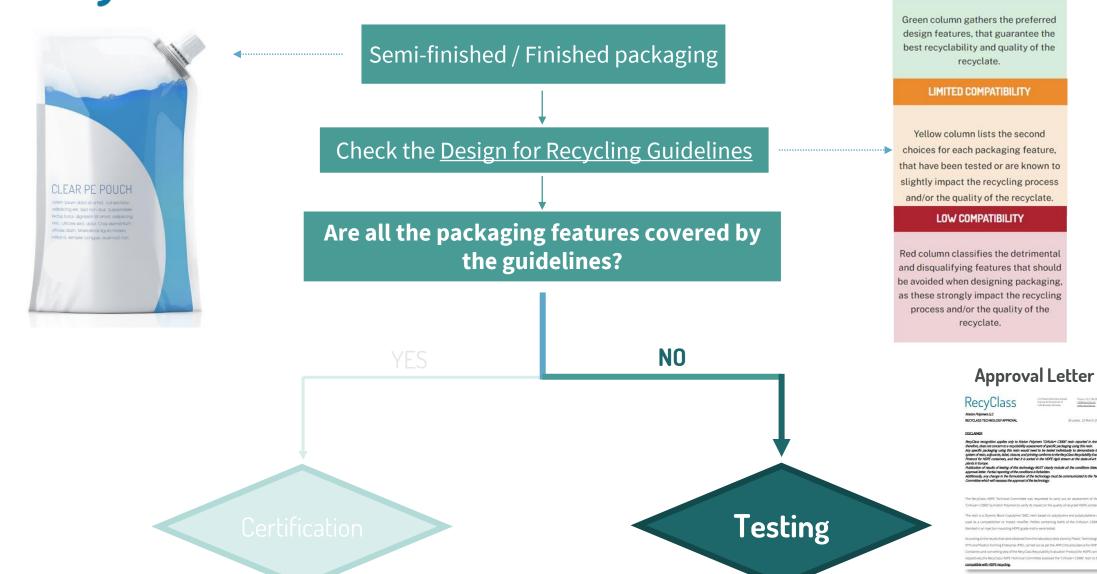
LIMITED COMPATIBILITY

Yellow column lists the second choices for each packaging feature, that have been tested or are known to slightly impact the recycling process and/or the quality of the recyclate.

LOW COMPATIBILITY

Red column classifies the detrimental and disqualifying features that should be avoided when designing packaging, as these strongly impact the recycling process and/or the quality of the recyclate.

RecyClass | DECISION TREE



FULL COMPATIBILITY

RecyClass | FROM INNOVATION TO CERTIFICATION

Innovative Technology

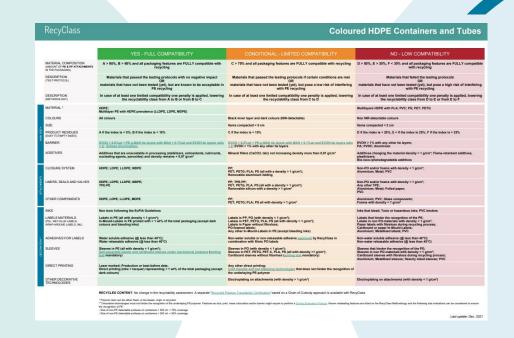


RECYCLABILITY APPROVAL PROCESS

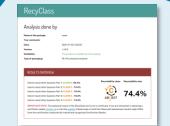
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RECYCLASS TECHNOLOGY APPROVAL	Brussels, 10 Mors	ch 2022
DISCLAIMER		
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Lab Testing

Approval Letter



Self-Assessment
(Online Tool)



CERTIFICATION PROCESS





Certification

RecyClass | CERTIFICATIONS

FINAL PACKAGING

DESIGN FOR RECYCLING CERTIFICATION



- ✓ Class Ranking from A to F
- ✓ Valid for the **EU market**
- ✓ Based on the European plastic waste streams
- ✓ Packaging design, sorting behaviour, end-markets included

RECYCLABILITY RATE CERTIFICATION

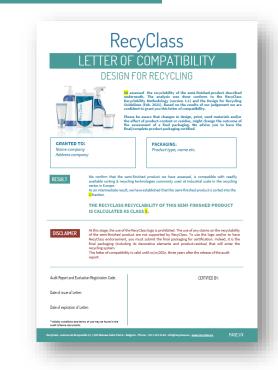


- ✓ Recyclability Rate from 0 to 100%, in addition to class ranking
- Country-specific (based on the local collection and availability of infrastructures)
- ✓ Packaging design, sorting behaviour, end-markets included
- ✓ On-pack logo for class ranking

SEMI-FINISHED PACKAGING

LETTER OF COMPATIBILITY

- ✓ Class Ranking from A to F
- ✓ Valid for the **EU market**
- ✓ Based on the European plastic waste streams
- ✓ Packaging design, sorting behaviour, end-markets included
- ✓ Mainly destinated to converters
- ✓ Use of the recyclability logos forbidden and only B2B communications are permitted
- Recommendation to certify the final packaging as next step



RecyClass | CERTIFICATIONS: FINAL PACKAGING

DESIGN FOR RECYCLING ASSESSMENT

- Technical Assessment: ranking from A to F
- Valid for the EU market
- Based on the European plastic waste streams
- Packaging design, sorting behaviour, end-markets included



RECYCLABILITY RATE ASSESSMENT



ABCDEF



90%

- Quantitative Assessment:
 Recyclability rate (%), in addition to class ranking
- Country-specific
- Based on the local collection and availability of infrastructures
- Packaging design, sorting behaviour, end-markets included
- Use of the logo on-pack allowed







RecyClass | TIMELINE: RECYCLABILITY APPROVAL



Preparation +
Acceptance by
TC

1 month



Testing

1 to 2 months 10 – 15 k€ Discount for RecyClass members



Revision and decision

1 month
RecyClass
management fee:
2.5 k€



Approval

Approval Letter + SB decision 1 month



RecyClass | TIMELINE: RECYCLABILITY CERTIFICATION













Preparation
+ Delivery
of samples
to the CB



1 month
CB fee: 1-2 k€
RecyClass management fee*:
150 €

Testing (optional)

1 to 2 months

Required by the auditor to complete the information (e.g., sorting test, washing test for label and adhesive)

Certificate and report delivery

1 to 3 months

RecyClass THANK YOU FOR YOUR SUPPORT

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RecyClass PLASTICS FUTURE IS CIRCULAR