



we certify the loop

H₂O

How to ensure valid proof of
recycled content for the plastics
industry companies



CERTILOOP Certificates your
recycled content and recycling
process

NATURAL
100%



O₂



CERTILOOP

CERTILOOP is an internationally accredited, independent Conformity Assessment Body that certifies products, processes and services within the scope of ISO 22095 and TS EN 15343 standards under the TS EN ISO/IEC 17065 standard. CERTILOOP is also a member of PolyCert Europe, the umbrella organization of existing certification programs regarding recycling declarations for the plastics industry.

CERTILOOP certifies claims regarding the recyclability and recycled content of products across the entire value chain of the plastics and recycling sectors in a fair and reliable manner. It also carries out Recycling Process traceability Certificate programs for Recycling Facilities. Recycling Process Traceability Certification can be detailed separately for food contact plastics and cosmetic plastics, according to the customer's request. In addition, it is the authorized certification body of the Operation Clean Sweep Türkiye Certification program developed by the global plastic industry to find a solution to the microplastic (plastic raw materials) problem.

Certification programs cover the entire value chain in the plastic product and recycling sectors. For this reason, raw material producers, product manufacturers, compound, masterbatch and additive manufacturers, recycling facilities and brand owners can apply for CERTILOOP certification programs.

In addition to certification services, it supports companies to manage their products sustainably throughout their entire life cycle and helps them close the product cycle. For this purpose, it also provides companies with the preparation of sustainability reports, calculation/reporting of greenhouse gas/carbon emissions, and preparation of Life Cycle Assessment (LCA) reports.

In particular, it informs companies about the legislation that has recently been published or will be published in the field of green transformation and provides waste management consultancy. With its knowledge and experience in the field of recycling and plastics, it prepares feasibility reports in various fields for new companies that will enter the Turkish plastic and recycling sector. CERTILOOP is also a member of Polycert Europe, the umbrella organization of the existing certification programs for the plastics industry in Europe, and also takes part in the Technical Board of the organization.

Our Services

- Recycled Content Certificate (EN 15343)
- Recycling Process Traceability Certificate (EN 15343)
 - Traceability of Food Contact Recycled Plastics (EFSA process)
 - Traceability of Recycled Plastics in Contact with Cosmetics
- Recyclability Certificate
- Operation Clean Sweep Certificate
- Life Cycle Assessment Reports
- Carbon Footprint Calculations
- Sustainability Reports
- Feasibility Reports
- Recycling, Sustainability and Zero Waste Trainings



UMBRELLA ORGANISATION FOR HARMONISING EXISTING CERTIFICATION SCHEMES FOR CONVERTERS OF POLYMERIC MATERIALS IN EUROPE

PolyCert Europe was established based in Brussels to ensure that the plastics industry verifies and audits reported recycling amounts in order to reach the European Commission's annual target of 10 million tonnes of recycled plastic by 2025 and 2030. For this purpose, it operates as the umbrella organization of existing certification programs regarding recycling declarations for the plastic industry. Under the umbrella of PolyCert Europe, approximately 10 thousand products of nearly 500 companies across Europe have been certified by PolyCert member certification bodies.



Recycling claims can only be verified through inspection. Inspections can also be carried out by an accredited third-party Conformity Assessment Body consisting of independent auditors to ensure impartiality in accordance with internationally accepted standards. PolyCert Europe also examines and inspects these Conformity Assessment Bodies and ensures their programs are compatible with each other.

Who is PolyCert Europe

- PolyCert Europe scheme validates the mutual recognition of existing certification schemes. It does not certify but ensures that comparable or similar certifications are valid across Europe.
- PolyCert Europe is focusing on circular raw material as sustainable strategy. It does not cover any other sustainable sourcing.
- PolyCert Europe is about the uptake of the material in a converting process. It does not modify or replace any certification needed for product compliance when the product is put on the market for a specific purpose.

METHODOLOGY & STRUCTURE

The PolyCert Europe technical platform builds on the principles of ISO17065 or ISO17021 and includes chain of custody. The methodology identifies all waste streams and provides a comprehensive way of calculating the recycled content in newly converted products based on the definitions of ISO EN 14021 and ISO EN 472.

All schemes under the Polycert Europe umbrella initiative are in accordance with EN 15343:2008 and the declarations on the types of recycled materials are in accordance with ISO 14021.



CERTILOOP

**RECYCLED
PLASTIC
CONTENT**

EN 15343

RECYCLED CONTENT CERTIFICATE

For companies that use recycled plastics in their products, CERTILOOP ensures that the recycled material content of their products is certified under an international standard throughout the entire plastic value chain.

Recycled Content Certification; It enables traceability of recycled plastics and verification of recycled content rates (pre/post-consumer) within a process. To claim recycled content in final products, the traceability of the material is verified throughout the entire chain of custody.

Therefore, Certification is for compound manufacturers, finished product manufacturers, pre-form manufacturers, additive - filler manufacturers, recyclers, etc. that play a role in the value chain. may be issued separately to different companies that have custody of recycled plastics, including but not limited to.

The program was developed by CERTILOOP according to the TS EN 15343:2009 standard and the controlled blending chain of custody principles as described in ISO 22095:2020.





CERTILOOP

**RECYCLING
PROCESS**

EN 15343

RECYCLING PROCESS TRACEABILITY CERTIFICATE

CERTILOOP operates a certification scheme to recognize the recycling processes of pre- and post-consumer plastic waste. Certification gives confidence to all stakeholders, especially product - manufacturers, that all outputs produced in a certified recycling facility are recycled according to best practice.

This certificate, issued in compliance with TS EN 15343:2009 and ISO 22095:2020 standards, focuses on - material traceability throughout the recycling process, conformity assessment, management systems, environmental and administrative operating standards and relevant legal compliance, and - the calculation of recycled content in the final product. Certification can be detailed for food contact plastics and cosmetic plastics, depending on the request of the applicant.

The program was developed by CERTILOOP according to the TS EN 15343:2009 standard and the controlled blending chain of custody principles as described in ISO 22095:2020.

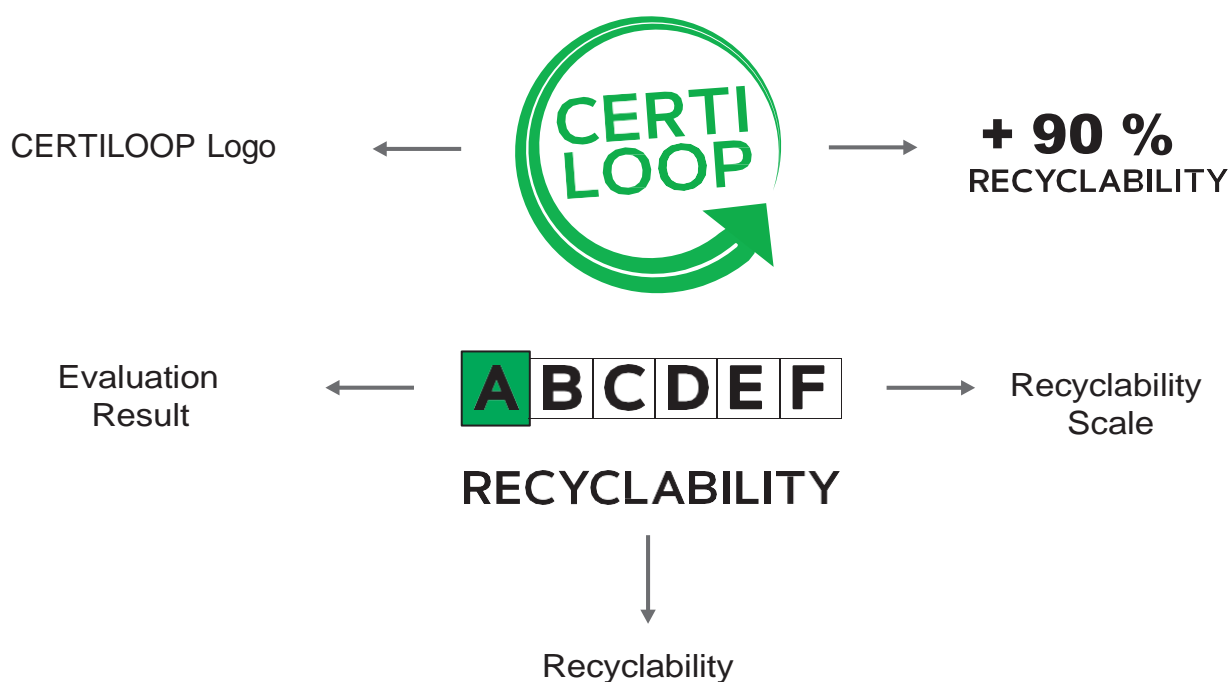




we certify the loop

RECYCLABILITY CERTIFICATE

CERTILOOP evaluates the technical suitability of a product for recycling within the framework of the latest available technology, resulting in a category rating from A to F and issuing a certificate in accordance with TS EN ISO/IEC 17065:2012.



Within the framework of the Design for Recycling Guidelines prepared by CERTILOOP, the category ranking varies between "A" and "F"; where "A" indicates that a product is designed to be fully recyclable, while "F" indicates that a product is not recyclable and can only be used for energy recovery purposes. If the product uses recycled raw materials, it can be shown by specifying the percentage of recycled content within the framework of a CERTILOOP certification system.



OPERATION CLEAN SWEEP CERTIFICATE



Reducing the loss of plastic granule raw materials defined as microplastics

Operation Clean Sweep is an international initiative carried out by the plastic industry to reduce the loss of plastic granules to the environment. It was first developed in the USA in 1990 by the American Chemistry Council (ACC) and the Plastics Industry Association (PLASTICS). In Türkiye, this initiative is carried out by PAGEV (Turkish Plastics Industry Foundation), and CERTILOOP is the authorized certification body approved by OCS Global for the implementation of the program in Türkiye.

The aim of this program is to ensure that plastic granules, particles, flakes and powders in Türkiye are handled with due care throughout the entire value chain, such as production, transportation, recycling, etc., and do not mix with rivers or seas.



Why is OCS Certification Important?

In order to reduce microplastic pollution, the European Commission published the Regulation Proposal on preventing granule loss on 17 October 2023. Plastic raw material granules are also within the scope of microplastic. According to the regulation, companies using more than 1000 tons of granules annually must obtain a certificate issued by an independent third party, and companies using more than 5 tons of granules annually must declare their compliance themselves.

The EU Commission suggested OCS as an example of an acceptable certification program in the question and answer section published on its website regarding the regulation. The relevant text can be accessed from this link;





WHAT DOES CERTIFICATION GIVE YOU?

TRACEABILITY

TRANSPARENT USE

VERIFIABILITY OF CLAIMS

CONSUMER TRUST

INTERNATIONAL COMPLIANCE / ACCEPTANCE

HOW DOES THE CERTIFICATION PROCESS WORK?

PRE-APPLICATION

Eligibility for certification is checked and the application is received.



CONTRACT

The contract is made according to the certification type.



EVALUATION

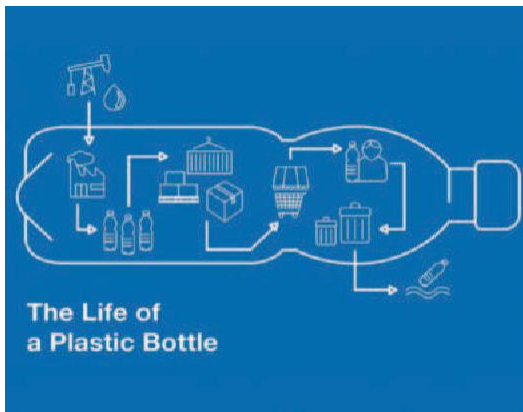
The audit is organized and the audit report is prepared.



CERTIFICATION

The certificate is issued and the use of logos begins.



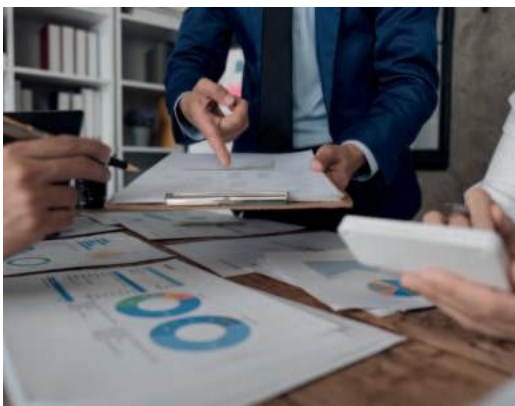


LCA / Life Cycle Assessment Reporting

CERTILOOP calculates, evaluates and reports all processes throughout the entire life cycle of your products.

Sustainability Reports

CERTILOOP prepares the environmental, economic and social performance of your companies in accordance with the GRI (Global Reporting Initiative) guide and registers them in the GRI system.



Feasibility Reports

With our experience in the plastic and recycling industry, we have a look at the plastic material groups (PET, PP, PE etc.) you are considering investing in; We conduct research and field analysis on critical issues for your investment such as sectoral data creation, competitor and needs analysis, SWOT analysis, relevant legislation, technology selection, investment location selection and return on investment time.



Kartaltepe Mah. Torkam E-5 Rezidans, D-1 Blok,
Kat-1, D:22 Küçükçekmece/Istanbul/Türkiye



www.certiloop.com



+90 212 809 17 19

CERTILOOP is a member of

