



ecoloop.network

a mission to build trust and incentivise for the use of waste-based plastics

modul 3

(Version: 0.9 Date: 29.10.2018)



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1. Introduction

The aim is to promote and increase plastics recycling at a high level and the use of waste-based plastics.

ecoloop is a certification-program for plastic producers, recyclers as well as processors and manufacturers of plastic products.

This certification gives its customers the assurance that their products make a contribution to the circular economy through the use of waste-based plastics. All companies that have their products certified supported the network to increase the need and demand for waste-based plastics.

The certification system itself operates according to various standards: EN ISO 14021:2016, TÜV SÜD CMS 71, EuCertPlast and RAL UZ 30a and is a certification of products.

On a broad basis, ecoloop enables certification at various levels of the value chain, which documents the respective contribution to the circular economy and is intended to promote the use of waste-based plastics.

2. Focus of certification in modul 3

The criteria from module 3 apply to products (or components) that contain waste-based plastics and thus replace primary plastics.

Here it is documented that the circle has been closed, irrespective of whether the certified raw materials come from the area of chemical recycling (Module 1 - extended the loop) or the area of material recycling (Module 2 - open the loop).

It is to be made visible that these certified products (or components) made from waste-based plastics have made a contribution to recycling management.

The share of waste-based plastics in the total plastic content of the product (or component) is ideally expressed as an absolute share. Since this will not be possible in all cases, there is also the possibility of specifying the waste-based plastic content with one of the following four classes:



- | | |
|--------------------|------------------------|
| 1. share >5 < 25% | = low proportion |
| 2. share >25 < 50% | = medium proportion |
| 3. share >50 < 75% | = high proportion |
| 4. share >75 | = very high proportion |

3. Aspects of inspection

This part of the requirements applies to all applicants for certification of their end products (or components) using raw materials certified according to the ecoloop.certification.program module 1 or module 2.

a. Guarantee of origin and composition of the raw material used

Add details of the verified certificates (modul 1 or modul 2).
Origin of the waste-based rawmaterial
the recycling process used for the waste-based raw material

b. Plausibility checks of the product composition

testing period
rawmaterials as specified in the recipe
Verification of the purchase quantity of the waste-based raw materials used
Verification of the produced quantity of the product to be certified
Confirmation: delivered waste-based rawmaterial \geq quantity used in the product (or component)
Product (component) labelling

c. Material composition of the end product (component)

waste-based raw materials
additives
Plastic based on waste or based on fossil fuels
Colorants (Masterbatch)
printing inks