

# CERTIFICATE

## Recyclability of Packaging

**Goglio S.p.A.**  
**Via dell'Industria 7**  
**I-21020 Daverio (VA), Italy**

The company receives the certification of recyclability for the following packaging group.

### Designation

**Gusset Bag (Package sizes 500g and 1000g)**

### Test result

Assessment via path	Recyclability
Path 1: Plastic films / LDPE	<b>90 %</b> (AT, BE, DE, NL)
Path 7: Mixed Polyolefins / Mixed Plastics (flexible)	<b>77 %</b> (AT, DE)

Package size	Collection and recycling structures	Recycling Path	Recyclate	Recyclate yield
1000 g (> A5)	AT, BE, DE, NL	Path 1	LDPE regranulate	100 %
500 g (< A5)	BE	Path 1	LDPE regranulate	100 %
	AT, DE	Path 7	PO regranulate	100 %

#### Test standard / scope of application:



- Requirements and assessment catalogue of the institute cyclos-HTP for EU-wide certification (state 14.09.2021) / Scope of validity according to nation states, see chapter 1

Within the certification process, conformity with the following standards was also checked:

- Minimum standard for measuring the recycling capacity of the ZSVR (state 31.08.2021); also integrated
- DIN EN 13430 with regard to material recyclability in the post-use phase; also integrated
- Under consideration of COTREP – Recyclability of Plastic Packaging; on request
- Under consideration of APR Design® Guide for Plastics Recyclability; on request

This certificate (No. 2162-2020-001560-W1) is valid until the **31.07.2022** (1 year upon issue) for the countries listed in brackets above. This certificate will lose validity in case of qualitative or quantitative changes of packaging components.

Aachen, dated 07.10.2021

  
  
Dr. Roland Bothor  
Publicly appointed and sworn expert for the IHK for packaging waste disposal  
Competent authority: IHK Aachen

**Institute cyclos - HTP**

Institute cyclos-HTP GmbH  
Maria-Theresia-Allee 35 - 52064 Aachen  
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fax: +49 (0) 241 / 949 00 - 49



The certificate is only valid in conjunction with the 11 following pages of the test report No. 2162-2020-001560-W1.

# CERTIFICATE

## Recyclability of Packaging Group

**Castagna Univel S.p.A.**  
**Via Emilia 1**  
**26862 Guardamiglio (LO) | Italy**

The company receives the certification of recyclability for the following packaging group.

### Designations

**ECOVEL MONO PP HB-XX 75µ 175-210 g**

**ECOVEL MONO PP HB-XX 75µ 500 g**

as part of a combination packaging

### Test result

**Allocation to sort/specification:** **Mixed Polyolefins, Fraction No. 323 (DE)**  
**Flexible Polyolefin Items, Fraction No. 323-2 (DE)**  
**Mixed Plastics, e.g. Fraction No. 350, 352 (DE)**

**Assessment via path:** **Path 7: Mixed Polyolefins / Mixed Plastics (flexible)**

**Recyclate (final product):** **PO regranulate**

### Test standard / scope of application:

- Requirements and assessment catalogue of the institute cyclos-HTP** for EU-wide certification (state 14.09.2021) / Scope of validity according to nation states, see chapter 1

Within the certification process, conformity with the following standards was also checked:

- Minimum standard for measuring the recycling capacity** of the ZSVR (state 31.08.2021); also integrated
- DIN EN 13430** with regard to material recyclability in the post-use phase; also integrated
- Under consideration of **COTREP** – Recyclability of Plastic Packaging; on request
- Under consideration of **APR Design® Guide for Plastics Recyclability**; on request

In accordance with the test results the potential recyclate yield of the packaging group amounts to 100 %. According to the CHI standard the recyclability of the packaging group amounts to:

**94 %**  
**(AT, DE, IT)**

This certificate (No. 2354-2020-001782-W1) is valid until **31.10.2022** (1 year upon issue) for the countries listed in brackets above. This certificate will lose validity in case of qualitative or quantitative changes of packaging components or decoration.

Aachen, dated 29.10.2021

  
**Dr. Joachim Christiani**  
Publicly appointed and sworn expert for the IHK for packaging waste disposal | Competent authority: IHK Aachen

The certificate is only valid in conjunction with the 10 following pages of the test report No. 2354-2020-001782-W1.

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