



Guideline Recyclability

Forum Rezyklat

V.1.0 from 04.04.2023

1 Introduction

The requirements for recycling of tomorrow continue to grow, as does packaging waste. Economic, ecological and social reasons mean that continuous material cycles are becoming increasingly essential. We want to accelerate the transformation to truly circular packaging by becoming increasingly aware of its properties.

Since February, the following attributes have been available for recording in the target market in Germany:

- M574 Recycling process,
- M575 dimensioning standard,
- M576 recyclability and
- M577 Recyclability start date.

In addition, a proof of recyclability can optionally be provided via attribute M378.

The recyclability guideline available to you serves as a basis for master data maintenance for the determined recyclability of product packaging in the GDSN data pool.

Among other things, master data maintenance should enable the goal of disclosing the level of the assessed recyclability of product packaging to various stakeholders in the circular economy and also enabling you to track your own targets.

The assessment of recyclability is not done at this point. It would indicate from which percentage level a packaging is rated as recyclable. For example, the mass fraction of a packaging has been calculated as 60% recyclable. However, it would only be classified as recyclable from 90%. Since the valuation level has not yet been determined, the assessment level can be entered into the master data. The assessment can be done separately.

The use and forwarding of this guide is permitted and desired without restriction.

Further information on the professional, legal and technical basis of the topic can be found under the following links:

- <https://www.verpackungsregister.org/stiftung-behoerde/katalog-systembeteiligungspflicht?=Katalog+Systembeteiligungspflicht>
- FCMG-Kompendium: <https://www.atrify.com/kundenbereich/download-center/>
- www.forum-rezyklat.de
- Further information on the general entry of master data can be obtained directly from atrify at the e-mail address: Support@atrify.com
- For further information on data maintenance in line with licensing requirements, please contact your licensing German Dual System.

2 Definitions and explanations

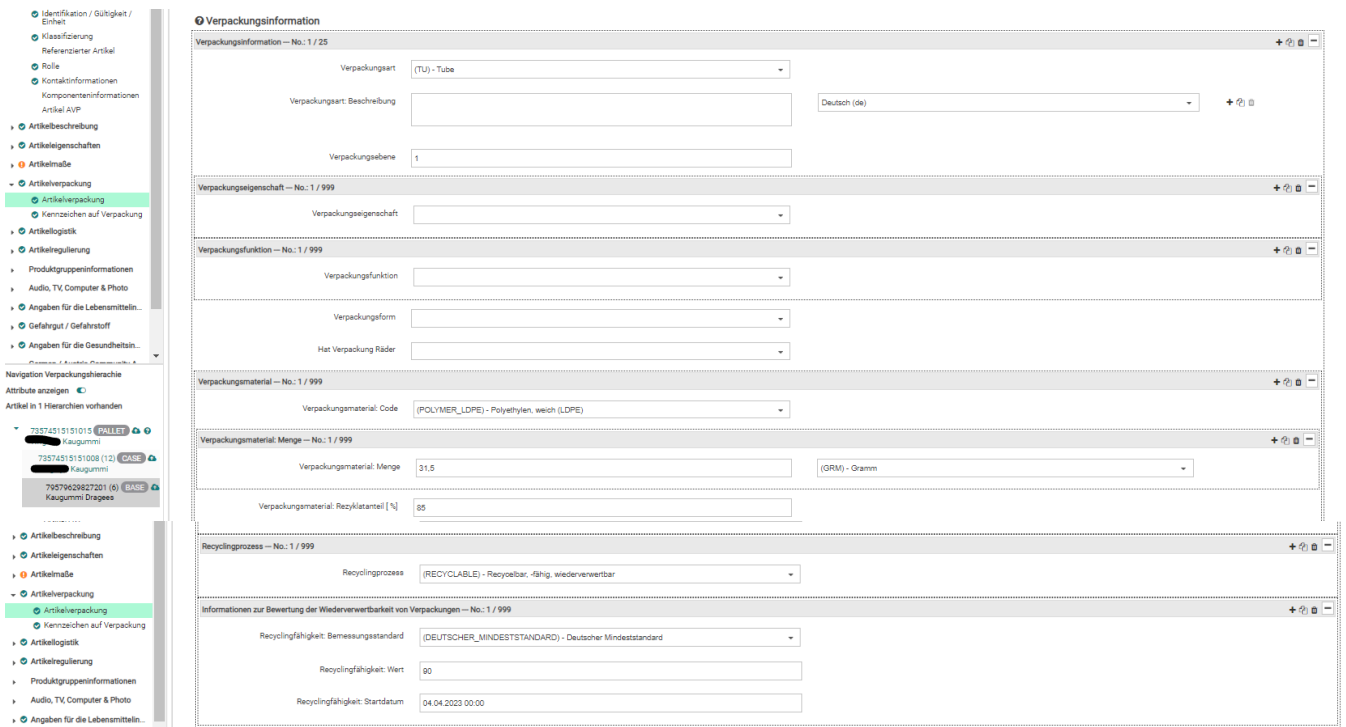
The basis for the assessment of recyclability shall be the minimum standard for the assessment of recyclability of packaging subject to system participation pursuant to Section 21 (3) VerpackG (Packaging Act) of the Central Packaging Register (Zentrale Stelle Verpackungsregister).

3 Examples of data maintenance

The explanation is based on a tube in a folding box, i.e. a combination packaging. As defined in the FMCG Compendium, under packaging information, the packaging components are given from "inside to outside".

The entries in the GDSN target market profile looks as follows, illustrated by the example of publishing for the atrify data pool:

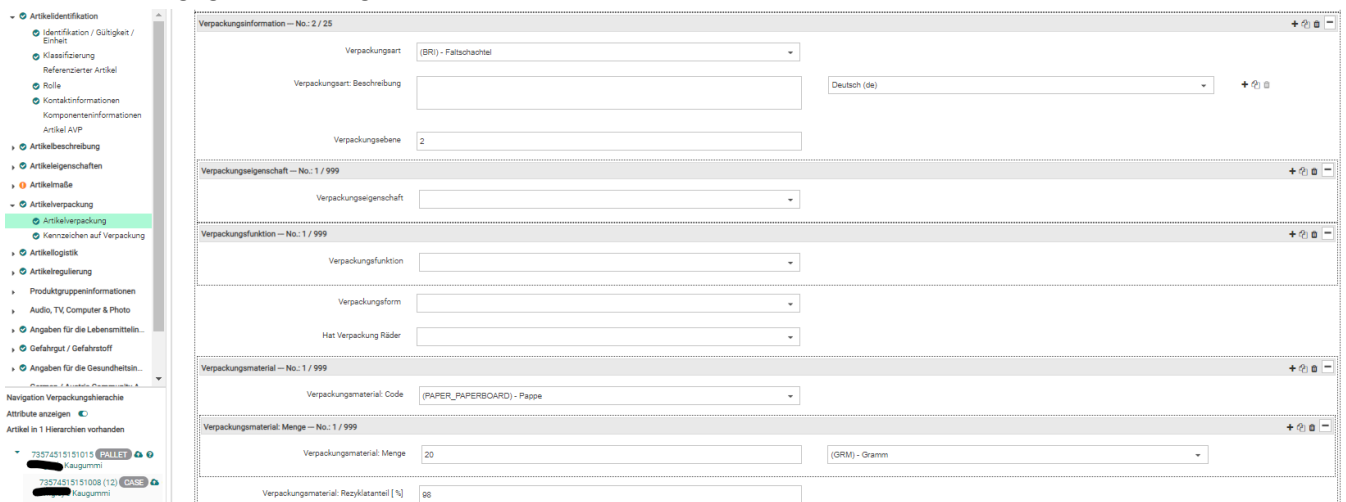
Packaging level 1: Tube



The screenshot shows a web-based data entry form for a tube. On the left is a navigation menu with categories like 'Identifikation / Gültigkeit / Einheit', 'Klassifizierung', 'Rolle', 'Kontaktinformationen', 'Komponenteninformationen', 'Artikel AVP', 'Artikelbeschreibung', 'Artikeleigenschaften', 'Artikelmaße', 'Artikelverpackung', 'Artikellogistik', 'Artikelregulierung', 'Produktgruppeninformationen', 'Audio, TV, Computer & Photo', 'Angaben für die Lebensmittel...', 'Gefahrstoff / Gefahrstoff', and 'Angaben für die Gesundheit...'. The main form is titled 'Verpackungsinformation' and contains the following fields:

- Verpackungsinformation — No.: 1 / 25**
 - Verpackungsart: (TU) - Tube
 - Verpackungsart: Beschreibung: [Empty]
 - Verpackungsebene: 1
- Verpackungseigenschaft — No.: 1 / 999**
 - Verpackungseigenschaft: [Empty]
- Verpackungsfunktion — No.: 1 / 999**
 - Verpackungsfunktion: [Empty]
- Verpackungsmaterial — No.: 1 / 999**
 - Verpackungsmaterial: Code: (POLYMER_LDPE) - Polyethylen, weich (LDPE)
 - Verpackungsmaterial: Menge: 31,5 (GRM) - Gramm
 - Verpackungsmaterial: Rezyklatanteil [%]: 85
- Recyclingprozess — No.: 1 / 999**
 - Recyclingprozess: (RECYCLABLE) - Recyclebar, -fähig, wiederverwertbar
- Informationen zur Bewertung der Wiederverwertbarkeit von Verpackungen — No.: 1 / 999**
 - Recyclingfähigkeit: Bemessungsstandard: (DEUTSCHER_MINDESTSTANDARD) - Deutscher Mindeststandard
 - Recyclingfähigkeit: Wert: 90
 - Recyclingfähigkeit: Startdatum: 04.04.2023 00:00

Packaging level 2: folding box



The screenshot shows a web-based data entry form for a folding box. The navigation menu is identical to the one in the previous screenshot. The main form is titled 'Verpackungsinformation' and contains the following fields:

- Verpackungsinformation — No.: 2 / 25**
 - Verpackungsart: (BR) - Faltschachtel
 - Verpackungsart: Beschreibung: [Empty]
 - Verpackungsebene: 2
- Verpackungseigenschaft — No.: 1 / 999**
 - Verpackungseigenschaft: [Empty]
- Verpackungsfunktion — No.: 1 / 999**
 - Verpackungsfunktion: [Empty]
- Verpackungsmaterial — No.: 1 / 999**
 - Verpackungsmaterial: Code: (PAPER_PAPERBOARD) - Pappe
 - Verpackungsmaterial: Menge: 20 (GRM) - Gramm
 - Verpackungsmaterial: Rezyklatanteil [%]: 88