ZIP TRADING

Technical dossier

# COMPLIANCE DATA SHEET

| Product group | HS code | Origin |
|---|---|---|
| Double wall | 4823699000 | CN |

DoC valid until **2028-09-28**

Issued 2026-09-28

## 01 PRODUCT SPECIFICATIONS

Product group · Double wall

| Base Information | |
|---|---|
| Article No | 5782040-W |
| Description | Double wall 16oz 473ml Ø90/58x137 (25/500) 3/6/15 |
| GSM | 280/235 |

| Pallet Information | |
|---|---|
| Qty Cartons | Ht incl. pallet |
| 3 ctn / Layer | — |
| 6 ctn / low pall | 1.07 m |
| 15 ctn / full pall | 2.45 m |

**Packaging Information**

| Pcs | | Inner pack mm | | Carton mm | | Weight kg | | Codes | |
|---|---|---|---|---|---|---|---|---|---|
| Pcs/pac | 25 | L | — | L | 535 | Net/ctn | 9.25 | Barcode ctn | 17350013946629 |
| Pcs/ctn | 500 | W | — | W | 370 | Ctn wt | 0.5 | Barcode inner | 7350013946622 |
| | | H | — | H | 460 | Gross/ctn | 9.75 | | |
| | | | | cbm/ctn | 0.0911 | Pack wt | 0.46 | | |

## 02 REGULATION COMPLIANCE

Applicable regulations & certificates

| Regulation | Official title | Application date |
|---|---|---|
| EC 1935/2004 | Regulation (EC) No 1935/2004 of the European Parliament and of the Council on materials and articles intended to come into contact with food | 2004-12-03 |
| EC 2023/2006 | Commission Regulation (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food | 2008-08-01 |
| EU 10/2011 | Commission Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food | 2011-05-01 |
| §30-31 LFGB · BfR XXXVI | German Food and Feed Code (LFGB) Sections 30 and 31, with BfR Recommendation XXXVI on paper and board for food contact | 2005-09-07 |
| EU 2015/863 (RoHS) | Commission Delegated Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU as regards the list of restricted substances | 2019-07-22 |
| GB 4806.14-2023 | GB 4806.14-2023 National food safety standard — Inks for food contact materials and articles | 2024-09-06 |
| EC 1907/2006 (REACH) | Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) | 2007-06-01 |
| EU 2025/40 (PPWR) | Regulation (EU) 2025/40 of the European Parliament and of the Council on packaging and packaging waste | 2026-08-12 |
| EU 2023/1115 (EUDR) | Regulation (EU) 2023/1115 on the making available on the Union market and the export from the Union of certain commodities and products associated with deforestation and forest degradation | 2026-12-30 |

## 03 MATERIAL COMPOSITION

3 component(s)

| # | Category | Material | Fraction | % w/w | Food contact |
|---|---|---|---|---|---|
| 1 | Paper | Cardboard | Cardboard | 96% | Yes |
| | | | Flexible plastic | | Yes |

| # | Category | Material | Fraction | % w/w | Food contact |
|---|---|---|---|---|---|
| 2 | **Plastic** | Plastic LDPE - Low Density Polyethylene | | **4%** | |
| 3 | **Ink** | Water-based Printing Ink | Printing ink | — | **Exterior only** |

## 04 FOOD CONTACT MATERIALS (FCM)

**Scope**

- EC 1935/2004 · BfR XXXVI (paper) · EU 10/2011 (plastic only) — field scope
- Values = supplier-entered data; not a legal declaration

**Intended use — test conditions (food simulant / temperature / duration / overall migration category)**

| # | Purpose | Food simulant (EU 10/2011) | Temp (°C) | Duration | Overall migration (OM) test condition |
|---|---|---|---|---|---|
| 1 | Intended use / sensory | **distilled_water** · Distilled water | — | — | **NA** · Not applicable (non-plastic / not EU 10/2011 OM) |
| 2 | — | **B** · 3% acetic acid | **100** | 1h | **OM4** · 1 h at 100 °C |
| 3 | — | **A** · 10% ethanol | **100** | 1h | **OM4** · 1 h at 100 °C |
| 4 | — | **95% ethanol** · Simulant 95% ethanol | **60** | 3h | — |
| 5 | — | **iso-octane** · Simulant iso-octane | **60** | 1h | — |

**Thermal range · appliance safety · simulants (migration)**

| Min °C | Max °C | Microwave | Oven | Freezer | Simulants used |
|---|---|---|---|---|---|
| **60** | **100** | **OK** | **OK** | — | **distilled_water** · Distilled water<br>**B** · 3% acetic acid<br>**A** · 10% ethanol<br>**95% ethanol** · Simulant 95% ethanol<br>**iso-octane** · Simulant iso-octane |

**BfR Recommendation XXXVI — paper & board (chemical analysis)**

| Test item | Result | Test item | Result |
|---|---|---|---|
| Sensory (Odour & Taste) | **PASS** | Primary Aromatic Amines | **PASS** |

**BfR / LFGB measured results (from lab report)**

| Parameter | Measured | Limit | Unit | Method | Result |
|---|---|---|---|---|---|
| Sensory (odour & taste) | 0 | 2.5 | — | DIN 10955: 2004-06 | **PASS** |
| Primary aromatic amines | LT 0.002 mg/kg | 0.01 mg/kg | — | EN 647:1994 and LC-MSMS analysis | **PASS** |

**Plastic FCM — migration & sensory declarations (EU 10/2011 · LFGB · BfR)**

| Requirement | Result |
|---|---|
| Sensory (Odour & Taste) | **PASS** |
| Overall Migration (EU 10/2011) | **PASS** |
| Specific Migration — Heavy Metals | **PASS** |

**Substance declarations**

| No IAS | REACH SVHC < 0.1% |
|---|---|
| **YES** | **YES** |

**Printing ink compliance**

| Requirement | Result |
|---|---|
| Water-based Ink — EU RoHS (EU) 2015/863 | **PASS** |
| Food-contact Inks — GB 4806.14-2023 | **PASS** |

**Overall migration (OML) — EU 10/2011**

| Measured | Limit | Unit | Declared pass | Measured / limit (%) | Remark |
|---|---|---|---|---|---|
| LT 5 mg/dm² | 10 mg/dm² | mg/dm² | YES | % | Report (8525)023-0100, Bureau Veritas Shenzhen Co., Ltd, 2025-03-10 |

**Specific migration limits (SML)**

| Substance | Measured | Limit | Unit | Pass |
|---|---|---|---|---|
| Heavy metals (EU 10/2011) | LT 0.01 mg/kg | 1 mg/kg | — | PASS |

## 05 PACKAGING & PACKAGING WASTE (PPWR)

EU Regulation 2025/40

**Covered by group-level PPWR deliverables**

| | |
|---|---|
| Packaging type | PG-110 |
| EU DoC (Annex VIII) | Not yet issued for this product group |
| Technical documentation (Annex VII) | Annex VII technical file · Product group 110 |

**Recyclability — PPWR Art. 6(1) / EN 13430**

**Performance grade foresight (A/B/C — mandatory from 2030)**

| Grade | Mono-material |
|---|---|
| B | — |

**Packaging minimisation**

| Criterion | Met |
|---|---|
| Weight Optimised | YES |
| No Unnecessary Layers | YES |
| Double Wall Justified | YES |

**Substance restrictions**

| Parameter | Detected | Limit | Method | Result | Remark |
|---|---|---|---|---|---|
| Heavy metals sum (Pb+Cd+Hg+Cr VI) | ND | 100 mg/kg | — | PASS | PPWR Art. 5(4) |
| Individual non-polymeric PFAS (max) | ND | 25 µg/kg | EN 17681-1:2025 | PASS | Report (3226)132-0426, Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd, 2026-08-26 |
| Sum of non-polymeric PFAS | ND | 250 µg/kg | EN 17681-1:2025 | PASS | Report (3226)132-0426, Bureau Veritas Testing Technical Service (Zhejiang) Co., Ltd, 2026-08-26 |
| Total fluorine (all PFAS incl. polymeric) | 62.1 mg/kg | 50 mg/kg | EN14582-2016 | STEP 2 | Screening above 50 mg/kg; organic fluorine confirmed within limit (C/2026/3084 step 2, see below) |
| Total organic fluorine (step 2, all PFAS incl. polymeric) | Negative | 50 mg/kg | In-house Py-GC-MS and Py-GC-MS/MS | PASS | Art. 5(5) · C/2026/3084 step 2 |
| PFAS Art. 5(5) compliant (declaration) | — | — | EN 14582 total fluorine, Py-GC-MS/MS total organic fluorine (C/2026/3084 step 2) and targeted PFAS EN 17681-1 | YES | 25 ppb / 250 ppb / 50 ppm |

**Upcoming requirements — phased application under PPWR (EU) 2025/40**

| Requirement | Applies from |
|---|---|
| Empty Space Ratio (%) | 2030-01 |
| Compostability (Art. 9) | 2028-02 |
| Labeling & Marking (Art. 12) | 2028-08 |
| Recycled Content (Art. 7) | 2030-01 |

These obligations are not yet applicable at the date of issue; documentation will be provided as they enter into application.

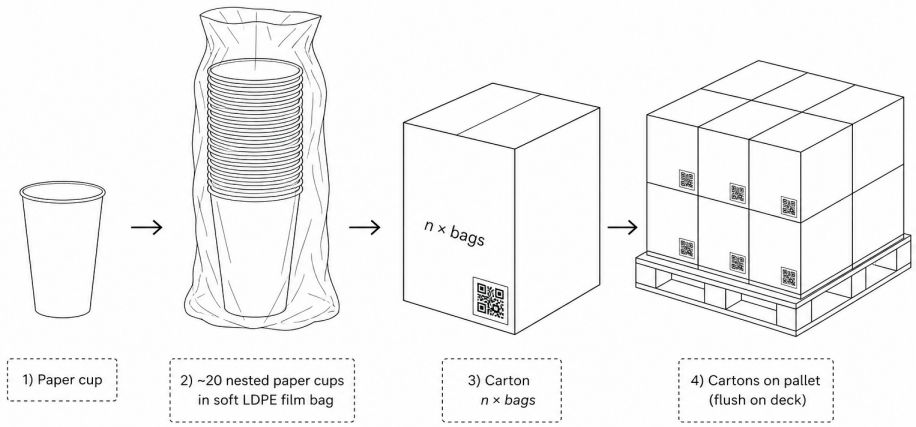
## 06 EPR PACKAGING HIERARCHY

**Packaging and intended use**

Food-contact single-use product; packed in LDPE inner bag with label, outer carton sealed with tape; palletised with stretch wrap for shipment.

Schematic, not to scale and not a dimensioned manufacturing drawing; the product level is drawn as an exemplar. Bag counts, carton multiples and pallet loads shown are illustrative only and do not represent actual SKU quantities — for reference to understand the packaging system.

### PACKAGING HIERARCHY — schematic




The figure shows how unit, bag, carton and pallet relate. Counts printed in the drawing are examples only — not the quantities for this product group.

| Type | Units | Sorting | Material | Weight (kg) | Colour | Recyclability |
|---|---|---|---|---|---|---|
| **Product** | 1 pcs | Recycling | Cardboard | 0.0178 | — | B |
| **Product** | 1 pcs | Recycling | Plastic LDPE - Low Density Polyethylene | 0.0007 | — | B |
| **Product** | 1 pcs | Recycling | Water-based Printing Ink | 0.0000 | — | B |
| **Primary** | 25 bag | Recycling | Plastic LDPE - Low Density Polyethylene | 0.0200 | Natural / translucent | A |
| **Primary** | 1 label | Recycling | Paper / PP label | — | Multicolour print | Not assessed |
| **Secondary** | 500 crt | Recycling | Cardboard | 0.9110 | Brown (kraft) | A |
| **Secondary** | 500 crt | Recycling | Tape — BOPP · Acrylic PSA (1:1) | 0.0100 | Transparent | Not recyclable |
| **Tertiary** | 7500 pl | Recycling | Wood | 15.0000 | Natural wood | Reusable |
| **Tertiary** | 7500 pl | Recycling | Plastic LLDPE - Linear Low Density Polyethylene | 0.1372 | Transparent | A |

## 07 TRACEABILITY & DUE DILIGENCE (EUDR)

**Product group level (order-specific traceability is per shipment)**

| HS code (classification) | Commodity type | EUDR relevant (product record) |
|---|---|---|
| 4823699000 | Paper/Pulp | YES |

| EUDR support available |
|---|
| YES |

Product group name and origin are in the document header. Due diligence and batch claims are documented per order.

Issuing organisation

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