

F1-01 product safety 295BK

Date of issue: 2017-05-08
Issue: 02

The issuer certifies in place of the supplier of the unmanufactured material that:

Issuer: VALUEPAP GmbH, Wallpachstraße 302, 5440 – Golling a. d. Salzach, Austria

Recipient:

DECLARATION OF CONFORMITY

Product: Packaging (base cardboard 295 gsm + organic coating 25 gsm)
Application: ice cream tub, foodstuff tub, drinking cup, cardboard lid, board

We confirm that this product meets the following guidelines and recommendations:

Base cardboard:

- EC Regulation 1935/2004 of 27 October 2004
- EU Regulation 2023/2006/EC
- EC Directive 94/62 EC and subsequent amendments
- EC Regulation 1895/2005/EC
- EC Directive 2003/11 EC
- German Law, Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch (LFBG), state of February 2011, §§ 5, 30 and 31
- Recommendation of BfR XXXVI, state of January 2012
- Swiss Regulation
 - Compliance with the Federal Law on Foodstuffs and Consumer Goods (817.0)
- When relevant, compliance with:
 - Ordinance on Foodstuffs and Consumer Goods of 23 November 2005 (817.02) and
 - Ordinance on Commodities and Materials of 23 November 2005 (817.023.21) Status 1st April 2010
- Migration of certain elements DIN EN 71-3: AC 2009
- Bleeding EN 648: 2006

Bio coating:

- The material combination of cardboard and plastic is regulated by EU Regulation 2002/72/EC. This product meets the criteria of this regulation.
- Cardboard in combination with synthetic material is not regulated by EU Regulation 10/2011/EC (PIM). PIM only regulates plastics and multi-run syndetic composites
- The plastic coating is produced according to EU Regulation 10/2011/EC (PIM)
- Microwaveable – the migration was analysed in accordance to the recommendation of BfR (Federal Institute of Risk Assessment based on the 51. analytical note of BGA of October. 1990) for microwave conditions.
- The migration was proofed for 30 min at a temperature of 150 ° C with fatty food simulatant and with watery food simulatant for 30 min at a temperature of 100 °C. The results of the overall migration lied well below the respective limits of the EU Regulation 10/20111.

FORMULARE

- Barrier property – the bio coating in use has following barrier property (in comparison to LDPE)
- | | LDPE | |
|---|------|-------|
| steam [g/(m ² *d)] | 220 | 13 |
| oxygen [cm ³ /(m ² *d*bar)] | 1400 | 11000 |

Print ink and print varnish:

We only use ink and varnish that is food packaging approved for our printed customized cups that are.

Migration full-printed packaging

Evaluation:

Based on the assumed surface-to-volume ratio the findings of the analyses conducted fulfil the requirements of the EU Regulation Nr. 10/2011 and of the Swiss Commodity Ordinance.

Basis of valuation:

- EN 1186 materials and items in contact with food - synthetic May 2002
- EN 14338 paper and cardboard destined for contact with food – Requirements for the determination of the transition of paper and cardboard by the application of modified polyphenylene oxides (MPPO) as a simulanz, March 2004
- Swiss Commodity Ordinance (SR 817.023.21) from 23.11.2005, Effective 01.04.2013
- Regulation (EU) Nr. 10/2011 from 14.01.2011, as amended by Nr. 321/2011 (01.04. 2011), Nr. 1282/2011 (28.11.2011), Nr. 1183/2012 (30.11.2012), Nr. 202/2014 (03.03.2014), Nr. 2015/174 (05.02.2015) and Nr. 2016/1416 (24.08.2016)

Analytic:

EU - Migration

Test requirements for the migrations were in accordance with Regulation (EU) Nr. 10/2011. The sample material came in contact with the simulants in the following way.

Migration approach:

- food-contact side (through filling)

Global migration and specific migration:

- Simulant B: 3 % acetic acid, 2 h / 70°C
- Simulant D1: 50 % Ethanol, 2 h / 70°C
- Simulant E: Tenax, 2 h / 70°C

The migration in accordance with EN 1186 and EN 14338.

Results:

Calculation principles

The conversion of the measured values on the foodstuff is based on the following surface-to-volume ratio (O / V).

With each deviating O / V, other migration values result and thus, if appropriate, a different overall evaluation of the sample.

Dimensions: 1 piece = 2.7 dm² inner total area

Standard O / V: 6 dm² / 1 kg foodstuff (EU cubes)

EU – Global migration

The limits are 10 mg/dm² and 60 mg / kg foodstuff according to regulation (EU) No 10/2011 and the Swiss Ordinance on the requirements for Consumer Goods. The following deviations are tolerated:

For all simulants except of D2: 10 ± 2 mg / dm² and 60 ± 12 mg / kg LM

For simulant D2 (olive oil): 10 ± 3 mg / dm² and 60 ± 20 mg / kg LM

The determined global migration values are below the limit with the tested simulants.

Migration / Extraktion				
Parameter <i>Methode</i>	Resultat Einheit	Andere Bezugswerte Bestimmungsgrenze		
— 2 h / 70°C				
Globalmigration 3 % Essigsäure <i>LMPMET0705 Gravimetrie</i>	<1 mg/dm ²	10	BG: 1	
Globalmigration 3 % Essigsäure <i>LMPMET0705 Gravimetrie</i>	<6 mg/kg LM	60	BG: 6	
Globalmigration 50 % Ethanol <i>LMPMET0705 Gravimetrie</i>	1 mg/dm ²	10	BG: 1	
Globalmigration 50 % Ethanol <i>LMPMET0705 Gravimetrie</i>	6 mg/kg LM	60	BG: 6	
Globalmigration Tenax <i>LMPMET0705 Gravimetrie</i>	<0.4 mg/dm ²	10	BG: 0.4	
Globalmigration Tenax <i>LMPMET0705 Gravimetrie</i>	<2.4 mg/kg LM	60	BG: 2.4	

Compostability:

- We confirm that the cardboard used and the BIO coating meet the requirements of EN 13432

Use of additives and flavourings:

- No genetically modified plants, food additives, flavors or food ingredients containing flavorings according to EU Regulation 1333/2008 were used in the production of the products described

Summary:

We confirm that the products in use meet requirements of the regulation 1935/2004 / EC on materials and items intended to come into contact with foodstuffs. The products have been manufactured according to the rules of good manufacturing practice as defined by Regulation 2023/2006 / EC (GMP Regulation) and our certified standards ISO 9001, BRC and FSC.

The used cardboard meets the recommendation XXXVI. for paper and cardboard of the Federal Institute for Risk Assessment (BfR) for food contact. The plastic coating used meets the

requirements mentioned above and is also suitable for microwave application. However, the generally known precautions for use in microwave devices have to be taken into account. The applied printing inks and printing lacquers comply with the EuPIA guideline "Printing inks for the external printing of food packaging" of the European Printing Ink Association.

The purchased products are packaged properly, but under extreme conditions impairment of the material as well as the processing can be happen. We therefore recommend storing the products in closed, dark, dry, cool and clean rooms.

The storage life and duration depends on product, temperature and storage conditions. In case of doubt, tests should be carried out.

The information on the used raw materials is based on the documents provided by our suppliers.

This declaration of conformity is valid for one year from the date of manufacture, and is only adjusted in the event of substantial changes.

VALUEPAP GmbH

Golling, June 29th 2017

Hans Pridal
Geschäftsführer

Ing. Michael Olsacher
Geschäftsführer