



AST Kunststoffverarbeitung GmbH • Postfach 90 • D-57335 Erndtebrück



AST Kunststoffverarbeitung GmbH

Mühlenweg 9
D-57339 Erndtebrück
Tel.: +49 (0) 27 53 / 5 96 20-0
Fax: +49 (0) 27 53 / 5 96 20 72
E-mail: info@ast-kanister.de
Internet: www.ast-kanister.de

Erndtebrück, 31.12.2021

Declaration of conformity under food law

Plastic containers from 3 litres to 220 litres made of HDPE

Plastic closures and drain valves made of HDPE with PE gasket, excluding closures with degassing membrane

These products comply with the following legal regulations or recommendations:

1.) General information

- Regulation (EC) No. 1895/2005 of 18.11.2005 (restriction of epoxy derivatives in food contact materials) based on the EU framework regulation for consumer goods (EC) No. 1935/2004 Materials and articles intended to come into contact with food.
- GMP Regulation (EC) No 2023/2006 on good manufacturing practice

2.) Raw materials / Compositions

EU regulations:

- Regulation (EU) No 10/2011, taking into account the following amendments:
 - Regulation (EU) 2016/1416 of 24.08.2016
 - Regulation (EU) 2017/752 of 28.04.2017
 - Regulation (EU) 2018/79 of 18.01.2018
 - Regulation (EU) 2018/831 of 05.06.2018
 - Regulation (EU) 2019/37 of 10.01.2019
 - Regulation (EU) 2019/1338 of 08.08.2019
 - Regulation (EU) 2020/1245 of 02.09.2020
- Regulation (EU) No. 2019/1021 (POP) of 20.06.2019, incl. amendments:



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- Regulation (EU) 2020/784 of 08.04.2020
- Regulation (EU) 2020/1203 of 18.08.2020
- Regulation (EU) 2020/1204 of 18.08.2020

German regulations:

- BfR recommendation III Status 01.09.2017 (polyethylene)
- BfR Recommendation IX "Colorants for Plastics and other Polymers Used in Commodities" Status 01.02.2015
- German Food, Commodities and Feed Code (LFGB)

Regulations outside EU:

- We confirm compliance with the food regulations of FDA regulation 21 CFR 177.1520.
- THAI FDA Notification No 295; B.E.2548 (2005) - Tested on a finished product.

Disclaimer FDA, EU, Health Canada:

- Medical device class III according to FDA
- Class III medical device in accordance with EU regulations
- Class IV medical device according to Health Canada
- Applications with permanent implantation in the body
- Life Supporting Medical Applications

3.) Application conditions and compliance with limit values according to test method DIN EN 1186 (12-2002)

global migration

Test conditions:

- Contact temperature: 40°C (olive oil in test report 034533 : 100°C)
- Duration of contact: 10 days (olive oil in test report 034533 : 2 hours)
- Contact method: Dunking

Tested substances:

- Acetic acid 3%
- Ethanol 50%
- Alternative test method Ethanol 95%
- Olive oil
- Water

The global migration values are below the legal limit (for the above application conditions). The tests shall be carried out in accordance with Articles 17 and 18 of Regulation (EU) No 10/2011 in conjunction with Annex V. This results in the safe use of all types of foods assimilated with the listed simulants with the above products for long-term storage at temperatures up to 40°C (olive oil in test report 034533: 2h/100°C).



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The ratio of the area in contact with food to the volume by which the conformity of the material or article has been established is expressed in figures:

0,830dm²/kg - 4,104dm²/kg

4.) Further declarations of conformity

- 94/62/EC of 20.12.1994 Article 11 (heavy metals) is complied with, including the amendments thereto by Directive (EU) 2018/852 of 30.05.2018.
- RoHS 2011/65/EU particularly with regard to Article 4(1) and its Annex II.
- Ozone-endangering substances are not included.
- Plasticizers such as phthalates, BADGE and NOGE are not included.
- No rubber or latex-like substrates are included.
- Bisphenol A, Bisphenol B, Bisphenol F and Bisphenol S are not included.
- Recycling Regulation (EC) No 282/2008 will be taken into account.
- Marking according to DIN 6120-2 (12/1996).
- The SML limits are complied with by AST Kunststoffverarbeitung GmbH and its suppliers.
- We are Halal and Kosher certified, the current certificates are available for download on our website www.ast-kanister.de.
- No dual-use additives are used.
- No substrates are added (NIAS).
- Our products have no barrier layer.
- No nanomaterials included.
- No additives containing MOSH / MOAH / POSH or mineral oils are used.
- We confirm that our raw material suppliers have information from their suppliers that no additives derived from animals are used. We therefore confirm that our products are free of BSE/TSE.
- The limit values of Regulation (EU) 1907/2006 (REACH), including the amendment of this Regulation (EU) 1272/2013 with regard to Annex XVII, are complied with. Based on the information provided by our suppliers, we confirm that our products do not contain any substances of very high concern (SVHC) according to articles 57 and 59 (1) of the REACH VO in a concentration of more than 0.1 (w/w) mass percent according to Art. 33 REACH VO.
- There is no SCIP notification obligation, as the permissible SVHC concentration of 0.1% (w/w), according to our raw material suppliers, is not exceeded.
- CONEG (USA) The above products meet the requirements of total less than 100ppm total concentration of cadmium, mercury, lead and chromium.
- Compliance with California Proposition 65 (USA)
- Confirmation of compliance with the Dodd-Frank Wall Street Reform and Consumer Protection Act (09/2010) (USA) and the corresponding Regulation (EU) 2017/821 on CMRT substances.



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The following European packaging standards are met:

- EN 13427 (10/2004) Use of packaging and packaging waste
- EN 13428 (10/2004) Resource conservation and packaging minimisation
- EN 13429 (10/2004) Re-use
- EN 13430 (10/2004) Material recycling
- EN 13431 (10/2004) Energy recovery
- CR 13695-1 (02/2010) Packaging requirement for measurement and verification of the four heavy metals and other hazardous substances contained in packaging and their release into the environment.

5.) Conclusion

There are no objections to the use of these products in the manufacture of consumer goods within the meaning of Regulation (EU) No. 10/2011, EU Framework Regulation (EC) No. 1935/2004 and §30 and §31 of the LFBG. This confirmation applies to the product delivered by us as described. Regulation (EU) No 10/2011, as amended, provides guidance on the selection of test conditions to be used for different foods. The product then complies with the specifications of these regulations for the packaging of the specified filling goods, provided that the specified food contact conditions are observed. The user has to convince himself of the suitability of the product for the intended filling material, which goes beyond the requirements of the legal regulations.

In particular, it is pointed out that no contact may arise between the printing ink and food during printing.

This declaration is subject to document monitoring (AST-DOK-01 F 30.12.2021) and is valid indefinitely.

Upon receipt of this declaration of conformity, the old revision of our declaration becomes invalid.

Yours sincerely

AST Kunststoffverarbeitung GmbH

Please note that all information in this confirmation is based on our current knowledge and experience. The user cannot be exempted from his own checks. It is the sole responsibility of the customer to check the final suitability of the selected product for its intended use. Our customers are responsible for observing existing laws and regulations.