

Declaration of Compliance

Description	Material	Article Number
<i>Paper straws</i>	<i>Paper, glue, printing inks</i>	192424

Duni declares that the article meets the requirements of:

- Article 3, 11(5), 15 and 17 of Regulation (EC) No 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC (GMP)
- EU Regulation 10/2011/EC with amendments (Plastic regulation)
- Paperboard complies with German BfR recommendation XXXVI

Area of use

The straws are safe to use with all kinds of beverages up to 90 °C from a food contact perspective. However, it is not recommended to use them with hot drinks because of deteriorating performance and stability as well as due to the risk of burn injuries.

Limitations of the material:

- Paper is fibrous material and the as the surface of the straws are untreated, they are not suitable for long-term use.
- The straws are not suitable to be used in a microwave oven.

Different kinds of food can have an impact on the physical behaviour of the straw. Duni's recommendation is for the customer to test their application for their needs.

Test conditions

Analysis of the material performed by an independent institute shows the tested samples meet the requirements of LFGB and Regulation (EC) No. 1935/2004.

Summary of results:

The tested sample meets the requirements of LFGB and Regulation (EC) No. 1935/2004 in the tested items.

Prüfung / Test	Ergebnis / Result
Sensorische Prüfung / sensory test	bestanden / pass
Extrahierbare Schwermetalle / extractable heavy metals	bestanden / pass
Formaldehyd / formaldehyde	bestanden / pass
Glyoxal / glyoxal	bestanden / pass
2-Methyl-4-isothiazolin-3-on (MIT) / 2-methyl-4-isothiazolin-3-one (MIT)	bestanden / pass
1,2-Benzisothiazolin-3-on (BIT) / 1,2-benzisothiazolin-3-one (BIT)	bestanden / pass
Mischung aus 5-Chlor-2-methyl-isothiazolin-3-on (CIT) und 2-Methyl-4-isothiazolin-3-on (MIT) / mixture of 5-chloro-2-methyl-4-isothiazolin-3-one (CIT) and 2-methyl-4-isothiazolin-3-one (MIT)	bestanden / pass
Farbechtheit / Colour release	bestanden / pass
Übergang optischer Aufheller / Release of optical brighteners	bestanden / pass
3-Monochlorpropan-1,2-diol (MCPD), 1,3-Dichlor-2-propanol (DCP) / 3-monochloro-1,2-propanediol (MCPD), 1,3-dichloro-2-propanol (DCP)	bestanden / pass
Primäre aromatische Amine / primary aromatic amines	bestanden / pass
PAK / PAH	bestanden / pass
Weichmacher / Plasticizers	bestanden / pass
Nonylphenol / Nonylphenole	bestanden / pass
Octylphenol / Octylphenole	bestanden / pass
Mineralölbestandteile MOSH/MOAH / mineral oil components MOSH/MOAH	bestanden / pass
Chlorierte Phenole in Papier / Chlorinated phenols in paper	bestanden / pass
Azo-Farbstoffe 82.02-2 / Azo Dyes 82.02-2	bestanden / pass
Hemmhof / Agar Diffusion test	bestanden / pass
Anthrachinon / Anthraquinone	bestanden / pass

The product does not contain any functional barrier.

Please be advised that Duni AB does not add anything into the product.

This document of compliance is based on:

- Documentation from manufacturer
- Test reports