

Declaration of Compliance

Description	Material	Article Number
<i>Bagasse products Bowles, boxes, lids and plates (brown and white)</i>	<i>Bagasse (sugarcane fibers)</i>	205769

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)
- LFGB (BfRXXXVI)
- Order No. 681 of May 25 (2020) from Danish Ministry of Environment and Food on ban of per- and polyfluoroalkyl substances (PFAS) in paper and cardboard food contact materials.

Area of Use

Bagasse products are safe for use with all types of foods up to 90°C. However, due to their functional properties, they have reduced resistance to moisture and grease, making them primarily suitable for short-term use. For dry foods, these products can be used for extended periods.

The material is easily stained by colorful foods, but it does not affect the performance.

Refrigerator: Keeping bagasse in the refrigerator is possible, but may cause condensation, which can weaken the material.

Freezing: While bagasse products can be used for frozen foods, they are not recommended for long-term freezer storage due to material properties. Condensation during thawing may weaken the material and off-flavors may also occur.

Microwave use: The bagasse products can handle moderate microwave heating but should be used with caution to avoid overheating. Brief reheating is recommended for up to 3 minutes at 600 W. Prolonged microwave exposure can cause the material to soften or lose shape.

Oven use: Do not use bagasse products in conventional ovens.

Different types of food can affect the physical behavior of bagasse. Duni recommends that customers test the products for their specific needs.

Product safety

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

Summary of results according to LFGB/ BfRXXXVI	Result
Sensory test	Pass
Extractable heavy metals (Pb, Cd, Cr(III), Cr(VI), Al)	Pass
Formaldehyde	Pass
Glyoxal	Pass
2-methyl-4-isothiazolin-3-one (MIT)	Pass
1,2-benzisothiazolin-3-one (BIT)	Pass
Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one (CIT) and 2-methyl-4-isothiazolin-3-one (MIT)	Pass
2-Methyl-1,2-benzothiazol-3(2H)-one (MBIT)	Pass
2-octyl-2H-isothiazol-3-one (OIT)	Pass
Color release	Pass
Release of optical brighteners	Pass
3-monochloro-1,2-propanediol (MCPD), 1,3-dichloro-2-propanol (DCP)	Pass
Primary Aromatic Amines (PAA)	Pass
Polycyclic aromatic hydrocarbons (PAH)	Pass
Mineral oil components MOSH/MOAH	Pass
Chlorinated Phenols in paper	Pass
Azo Dyes 82.02-2	Pass
Agar Diffusion test/Hemmhof – (no inhibition zone)	Pass
TOF (Total Organic Fluorine <50 mg/kg)	Pass
Bisphenol A (BPA)	Pass
Phthalates	Pass

No PFAS (Per- and polyfluoroalkyl substances) are intentionally added.

This document of compliance is based on:

- Documentation from manufacturer
- Test reports

To the best of our knowledge, the information provided is accurate and reliable as of the date of publication and, where relevant, reflects the information received from suppliers. It is valid from the stated issue date until it is replaced or superseded.