

ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

Product

Bio Dunicel® Placemats

Raw Material

Wooden pulp

Additives

Colour

Printing inks

Binder

Packaging

CU Packaging: cardboard box incorporating a paper window

Outer packaging: Corrugated board

Field of Application

The products are intended for enhancing the meal and serving environment.

EC Directive 94/62/EC on Packaging and Packaging Waste

The packaging complies with all essential requirements as defined by 94/62/EC.

For example minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, material recovery, energy recovery or composting.

Environmental Aspects

Product

Bio Dunicel products are manufactured from Totally Chlorine Free pulp (TCF), i.e. bleaching chemicals used are oxygen, hydrogen peroxide and ozone. The pulp is white or dyed. Printing is done with water based flexographic printing ink.

Product is FSC certified according to "Mixed Sources" certification number DNV-COC-000148.

The raw materials from which Bio Dunicel is manufactured are fossil free. The binder is made from potato starch.

Packaging

The cardboard box used for primary packaging is made from recycled fibres. The paper window is made from virgin fibres.

The corrugated board box for outer packing is unbleached and to a large extent made of recycled fibres.

Product Safety

The product (incl. printing inks) fulfils the following:

- Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27th October 2004 concerning materials and articles intended to come into contact with food.
- BfR-Recommendations on Food Contact Materials, XXXVI. Paper and board for food contact / BfR = Federal Institute for Risk Assessment
- Coloured and printed products are tested according EN 646 (Determination of colourfastness of dyed paper and board) and has been found to have good fastness.
- Duni manufacturing units are certified according to the international quality system ISO 9001 and environmental system ISO 14001 as well as to BRC Consumer Products.

End of Life

Energy Recovery

All the materials are suited for energy recovery. Complete combustion gives mainly rise to carbon dioxide and water. The energy content of plastics/paper is comparable to that of oil / wood.

Recycling

- Bio Dunicel®
Recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.
- CU Packaging material
Recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.
- Outer Packaging material
Can be recycled as paper

Validity

This is a copy of a document issued 2021-11-08. It is normally updated every second year or when there is a change in the manufacturing process, in the product or in legislation. To make sure that you have the latest edition, contact Duni Group.