

## ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

### **Product**

Grass paper bag, uncoated

### **Material**

Grass paper (20 % grass, 80 % virgin wood)

### **Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board boxes

### **Field Of Application**

The bag is suitable for bakery products used at room temperatures.

Customer should verify the suitability of the product for its specific use.

### **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**

The paper is made from grass paper and virgin fibres from tree. They both origin from renewable resource.

PFAS (per- and polyfluoroalkyl substances) are not being used in any step of the manufacturing of the grass paper products.

Only 2 litres of water are needed to produce one ton of pulp. This breakthrough material offers significant environmental benefits. Designed in Sweden, the bags, trays and wraps that comprise the Bloom take-away packaging concept are made from grass paper. Naturally abundant, the grass is harvested locally in Germany and does not compete with resources for animal feed. Furthermore, grass fibre pulp – the raw material used to produce grass paper- is extremely resource efficient to produce.

#### **Packaging**

Polyethylene is refined from mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board is based on recycled fibres.

The corrugated board box is made from wood, which is a renewable resource.

#### **Certificates & Labelling**

The product is FSC® certified (Forest Stewardship Council). FSC is an independent organization to promote responsible forestry."

### ***Product Safety***

The products fulfill the following:

- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- BfR, Bundesinstitut für Riskobewertung, XXXVI, where paper, cardboard and cartons as food packaging are regulated.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented or will implement the environmental management system ISO 14001.

### ***Management Of Used Products***

#### ***Recycling***

Collection, sorting and material recovery are all part of the recycling process.

Recycling of the plastic and the corrugated board is possible for producing new products.

However, recycling is dependent on local waste handling infrastructure. Make sure to check with the local recycling company.

#### ***Energy Recovery***

Incineration of mixed waste for energy recovery is a good end-use of products. Paper and plastic may burn well with low emissions.

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

#### ***Validity***

This is issued 2024-05-17. It is revised when there is a change in the manufacturing process, in the product or in legislation.