



TAPVEI ASPEN BEDDING

DATA SHEET

DEFINITION

- The whole production process of Tapvei aspen bedding follows a high ecological standard, from using untreated raw material from intact Nordic wilderness under a Forest Stewardship Council-certified chain of custody (FSC), to the use of bioenergy for heating the production plant. The products are biodegradable.

In the production **Tapvei DOES NOT USE any gas or fuel.**

- The moisture content of Tapvei aspen bedding is below 10% and its **absorption capacity** is 260%, This is achieved by an automatically controlled drying process with 100-120 °C air, heated by environmental bioenergy.

- In a study by Kaliste et al (2004), Tapvei aspen bedding had the lowest **dust particle content** (0.1 mg/m³) as compared to spruce/fir granulates and straw pellets both at clean state and over extended use in mice cages. This is achieved by separate automated sieving procedures at various steps of the manufacturing process. The material is hence well usable in IVC and automated bedding dispensers, and safe for both animal and human respiratory tract; You don't have to worry about blocked filters or airborne contaminations. Since the bedding is **biodegradable**, it represents a great opportunity for **waste management**.

- Our innovative technology ensures that Tapvei bedding material has **no sharp edges**. This significantly reduces dust levels, which in turn has a major impact on dust-related costs and the operational problems associated with excessive dust. In a separate production step, Tapvei aspen bedding goes through a brushing procedure, whereby sharp corners and edges are removed, making the material safe and harm-free also for sensitive skin (e.g. hairless animals).

PRODUCT ANALYSIS

Finished products are analyzed in independent laboratories. Microbiological, chemical analysis and environmental contaminants (PCBs; PAHs) is carried out four times a year Additional tests for moisture levels are carried out daily.

• CHARACTERISTICS

- Moisture content around 10 %
- Water absorbing capacity 260%
- Specific weight 180 – 200 kg/m³
- Dust content (< 0.25mm) less than 0.1%
- Recommended for IVC isolators and automated systems
- Ideal for use within automated bedding dispensers
- Autoclavable
- Full batch analysis
- Highly absorbent

• CHIP SIZES

5x5x1mm

• PACKAGING

Autoclavable paper, fiber bags in sizes 10-15 kg and Big Bags 170-270kg

4HBB170kg

Bedding is packed in 170kg PP Big Bag

2 bags on the pallet

Pallet size with the products is ca 1050x1200x1900mm

