

BamNü Straw Product Specification

Ingredients:

- GMX Eco Additive (Filler Material) + BioPBS FZ71 (Biodegradable Material) + Bamboo Fibres

Features:

- Product is White
- Biodegradable
- Non-Toxic (SGS Tested)
- Suitable for disposal into food waste
- Tolerant to a maximum of 80°C

TUV Rheinland:

- Certified plastic free (PE,PP,PS,PVC,PET)

Bacterial Resistance:

- Anti-Microbial Certified to ASTM E2149-13a 2015

Certificate to determine microbial activity under dynamic conditions

Compostable Materials Certificate

BPI Compostable:

The BPI certification program applies science-based testing to prove a material will compost in a municipal or commercial facility and leave no toxic or lingering plastic residues in the soil.

DIN CertCo:

Certification for composability

OK Compostable:

EN 13432 requires the compostable plastics to disintegrate after 12 weeks and completely biodegrade after six months.

Seedling Logo:

When certified, the product will fully biodegrade in an industrial composting plant under controlled conditions such as temperature, moisture and time frame – leaving nothing behind but water, biomass and CO₂

Aqua Enviro (Suez Subsidiary) Anaerobic Degradation Testing:

“Results from both the quantitative and qualitative analysis were in agreement and affirm the conclusion that both straws test material (GMX01 and GMX03) are amenable to biodegradation under anaerobic conditions.”

“As anaerobic conditions are, also, encountered within a landfill, it is confirmed that the straws would eventually become amenable to anaerobic biodegradation in this setting.”