

Biomaster is an antimicrobial additive. The inorganic nature, small particle size and high temperature of this product makes it ideal for use in plastics manufacturing.



Biomaster utilises silver ion technology with a range of carriers. This provides a release of silver ions on demand, safely inhibiting bacterial growth.

The slow release of the active silver ingredient give the products maximum long term activity.

Testing procedure

All testing is undertaken independently by Industrial Microbiological Services Limited. The procedure is a quantitative test designed to assess the performance of antimicrobial

properties. Submitted samples are challenged against stock cultures and incubated for 24 hours at 37°C according to ISO standards. TVC (Total Viable Count) of bacteria are then recorded and the percentage of reduction is calculated.

Biomaster efficacy

Biomaster has been tested to ISO 22196:2011 against common organisms such as:

- Campylobacter
- E.coli
- Listeria
- MRSA
- Pseudomonas
- Salmonella

It is proven to reduce the growth of these bacteria by up to 99.99%.

Regulatory

The active ingredient complies with the required legislation for biocides. This can include:

- Biocidal Products Regulation (BPR)
- Food and Drug Administration (FDA)
- Environmental Protection Agency (EPA).

General information

Biomaster is easily added to the product during manufacture.

Biomaster only imparts antimicrobial properties and should not affect the basic colour or surface finish of any product in which it is used.

The active ingredient in Biomaster cannot leach or wash out and is designed to last for the lifetime of the product. Before using this product please ensure that you have the latest information.

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