

What is Biomaster?



Biomaster additives are a powerful broad-spectrum inorganic, silver-based biocides for use in plastics. Rototherm is now helping to reduce hygiene risks by including Biomaster anti-bacterial additive into the plastic housing of our digital thermometers and probes.

The concentration of silver, in the patented anti-microbial active agent, in Biomaster provides a release of silver ions on demand, which in turn safely inhibits microbial growth.

Biomaster products contain typically 10 times more silver than other silver biocides, therefore they only need to be used at very low concentrations. It has been demonstrated that plastic products incorporating Biomaster at very low addition levels actively inhibit bacterial growth and show a 99.99% reduction within 24-hours. The controlled release of the silver active ingredient acts for the life of the thermometer.