

SA100

DATA SHEET



LINE-X SA100 IS A CLEAR SILVER GLASS POWDER FOR CONTROLLING THE GROWTH OF BACTERIA ON TRANSPARENT SUBSTRATES WITHOUT AFFECTING THE COLOUR OR OPACITY. THE INORGANIC NATURE, SMALL PARTICLE SIZE AND HIGH TEMPERATURE TOLERANCE MAKE SA100 IDEAL FOR USE IN A WIDE RANGE OF APPLICATIONS.

LINE-X SA100 provides a release of silver ions which in turn safely inhibits microbial growth. Slow release of the silver active provides long term antimicrobial activity.

LINE-X SA100 can be processed at temperatures up to 600 degrees Celsius without losing performance.

PHYSICAL PROPERTIES

Appearance	White powder
Particle size and shape	2 - 4 µm
Solubility in water	Sparingly soluble

RECOMMENDED ADDITION RATES

LINE-X SA100 is recommended for use at levels from 0.05% to 0.3% to provide antimicrobial protection*.

STORAGE

Whilst our product has been formulated to have maximum stability in storage and in use it should be understood that silver-containing materials do exhibit varying degrees of light sensitivity and can cause discoloration in the finished article. It is therefore incumbent upon the user of the Biomaster products to evaluate them fully under their normal conditions of use.

The information given is presented in good faith and is believed to be correct based on current state of knowledge. Addmaster (UK) Ltd makes no representation as to the accuracy and completeness of this information. This information is issued on the condition that the user will determine the safety and suitability of this product for their purposed prior to use.

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LINE-X is a REGISTERED TRADEMARKS



SA100 EFFICACY

The SA100 product has been successfully tested against over 50 common organisms such as MRSA, E.coli, Salmonella, Listeria, Pseudomonas and Campylobacter.

