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TECHNICAL DATA SHEET

AM 93915

Masterbatch type	ANTIMICROBIAL
Polymer Carrier	POLYESTER
Additives	SILVER RELEASING ADDITIVE
Other Components	INERT FILLER
Nominal Density	1.52g/cm³
Issued	23/09/08
Approved by	<i>Asarday</i>

General Comments

AM 93915 contains an antimicrobial additive based upon a unique technology which encapsulates silver ions in a hydrolysable matrix. This matrix both protects the silver ions during processing and controls the release. The silver ions are the biologically active component and are very effective against a wide range of microorganisms, with 99.9% to even 99.999% reductions being achievable.

AM 93915 masterbatch has been specifically developed for use in polyester fibres as it is stable under a range of processing and dyeing conditions. It will impart biostatic and biocidal properties at the material surface of the fibre.

Typical addition rates would be 1% to 2% by weight, but are dependent on the exact application and the precise antimicrobial effect desired.

Bactiglas antimicrobial additives have exhibited excellent efficacy against a broad range of bacteria including Salmonella, P.aeruginosa, S.aureus and E coli, which is indicative of its broad-spectrum antimicrobial efficacy.

The Wells Plastics Technical Team is available to advise on specific usages and requirements and can be contacted on the following numbers:

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