

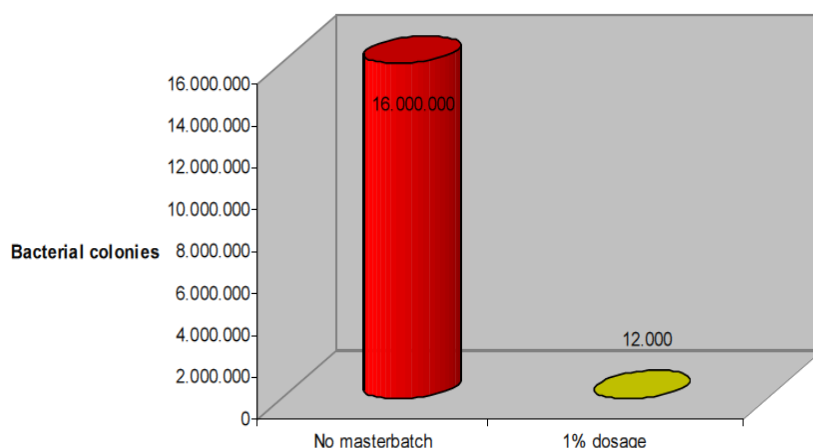
Microbs growth effectivity test / PP injection moulded

MAXITHEN[®] HP 7A4000AM

The solution for antimicrobial masterbatches

Despite permanent cleaning and other efforts of sterilisation, a problem that permanently arises is the accumulation of microbes on plastic surfaces where no bacteria, microalgae or mould are desired.

Gabriel-Chemie presents MAXITHEN[®] HP 7A4000AM, an inorganic masterbatch based on silver-zinc zeolithe.

Microbs growth effectivity test / PP injection moulded


Yellow: Amount of microbes at a dosage of 1,0%

Red: Amount of microbes without usage of MAXITHEN[®] HP 7A4000AM.

MAXITHEN[®] HP 7A4000AM inhibits the accumulation of microbes and their colonies. MAXITHEN[®] HP 7A4000AM has been optimised to be used in polyolefines (LLDPE, LDPE, HDPE, PPC, PPH).

MAXITHEN[®] HP 7A4000AM is suitable for all common processing methods such as injection, blow moulding, thermoforming and extrusion. This product has advanced colour stability even at higher processing temperatures. It can be combined with colorants and has been optimised in respect to colour retention under sun light exposure.

MAXITHEN[®] HP 7A4000AM is odourless, does not require any special safety handling measures and it has food approval status within the European Union and the USA. Conformity declarations are available upon request.

All colours and effects can be achieved with this masterbatch. MAXITHEN[®] HP 7A4000AM is well suitable for outdoor use and has no interaction obstacles with UV stabilisers or UV blockers.