

MASTERBATCH ANTIBACTERIAL



TECHNICAL CHARACTERISTICS

Name:	Masterbatch Antibacterial
Code:	ADM-X-BACT-04 X= LD, LDPE, BOPP, PVC, PP, PET
Appearance:	Pellet
Food Contact:	Yes (EFSA and FDA compliant)
Class of risk:	None
Use:	SU3 - Industrial uses
Restriction:	No
Revision:	1.0
Date of issue:	01/03/18
Pictogram:	None

Abstract:

It is a mixture of totally insoluble powders in water with migration equal to zero. The action mechanism of the X-BACT-04 additive is to make a strong action with all the bacteria load both gram negative and gram positive. This masterbatch performs in the food packaging those functions, placing its primary goal in the shelf-life extension. High transparency of the film.

Sectors:

The X-BACT-04 additive is recommended for the production of a lot of polymers, as COEX, monolayer and injection moulding. The result is a strong protective effect resulting in an increase in the shelf life of a preserved food. Suitable for use in the food packaging that need protection from bacteria and mold.

Benefit:

Reduction and removal of the bacterial load at 99,9%. The X-BACT-04 resists high extrusion temperatures, 500°C.

We have three different formulations: With average particle size:

5.5±0.5 µm,

8.5±0.5 µm,

50±0.5 µm.

Compliance:

All the ingredients of this masterbatch have the No. registration to REACH.

All the ingredients of this masterbatch, are in compliance with the presentation of the protocol as a biocide products, and the dossiers has been regularly presented by the producers. This masterbatch are made in compliant of EFSA and FDA.

Dosage:

Add the 3% of Masterbatch on total weight of the film LD, LDPE, BOPP, PVC, PP, PET.

Type of product:

Available with average particle size of 5.5±0.5 µm: BOPP, PVC, PP.

Available with average particle size of 8.5±0.5 µm: LD, LDPE, PET.

Available with average particle size of 50±0.5 µm for injection moulding.

Order:

Minimum Order: 25 Kg.

Pallet: 1,125 Kg.