Product Code ........................................ MCX 122009

Description

MCX 122009 is a 25% active silver-based antimicrobial masterbatch formulated specifically for use into polyolefin (PE/PP) compounds. This additive achieves high performance at relatively low concentrations with minimal affect to physical properties and is light resistant and stable with little or no discoloration with age.

Antimicrobial compounds can help protect parts against staining, odors, and degradation due to fungi, mold, yeasts, mildew, algae and other microbes. This material does not protect users or others against food-borne or disease-causing bacteria. For more information please reference EPA Pesticide Registration Notice 2000-1.

Composition

Antimicrobial ........................................ 25% Silver-based
Resin/Carrier .......................................... LLDPE

General and Technical Data

Recommended letdown .................................. 2% to 6% depending on desired efficacy
FDA applications ...................................... 2% to 4%
Pellet size ................................................ 60 pellets/gram
Form supplied .......................................... Pellets
Application ............................................... Injection Molding/extrusion/film
Heat stability (additive) .............................. 500°C
Packaging ............................................... Gaylord, drum, or bag

Regulatory

Components of MCX 122009 are compliant with EPA and/or FDA regulations for food contact applications and are RoHS compliant.

27 Sep 2012 MLC