



Product Description

**MCX 128104
Antimicrobial Masterbatch
Polyethylene/Polypropylene(PE/PP)
Organic**

Product Code MCX 128104

Description

MCX 128104 is an organic-based antimicrobial masterbatch that inhibits the growth of mildew, mold, yeast, and algae in polyolefin film, injection molding, and extrusion applications. The active ingredient is neither a skin sensitizer nor a skin irritant and is a non-VOC, broad spectrum, highly effective antimicrobial additive.

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 Organic-based/Proprietary
Resin/Carrier LLDPE

General and Technical Data

Recommended letdown 1.5% to 8% depending on desired efficacy
FDA applications 1.5% to 2%
Pellet size 60 pellets/gram
Form supplied Pellets
Application Injection Molding/extrusion/film
Heat stability (additive) 428°F/220°C
Packaging Gaylord, drum, or bag

Regulatory

Components of MCX 128104 are compliant with EPA and/or FDA regulations for food contact applications and are RoHS compliant.

Storage

MCX 128104 should be stored away from sunlight, heat and high humidity environments. Close and seal containers after use to limit oxygen permeation and oxidation of components.

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This information is intended to be used only as a guideline for designers and processors of modified thermoplastics. Because mold or die design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the product described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

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