



**Product Description**

**MCX 130209  
Antimicrobial Masterbatch  
Bactiblock® Technology  
Acrylonitrile Butadiene Styrene (ABS)**

**Product Code ..... MCX 130209**

**Description**

MCX 130209 is an antimicrobial masterbatch that incorporates the Bactiblock® silver-based additive 101 R1.43. This masterbatch is engineered for acrylonitrile butadiene styrene (ABS) injection molding or extrusion applications.

Bactiblock® technology is based on silver-functionalized clay that creates a naturally sourced and highly efficient antimicrobial product. Purified and modified phyllosilicate clay is used as a performance enhancing carrier in this additive to create strong synergies resulting in an additive with superior antimicrobial performance that inhibits the growth of fungus and other microorganisms to prevent odors, discoloration, staining or deterioration in plastic articles.

*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 ..... Bactiblock® 101 R1.43  
Resin/Carrier ..... ABS/SAN



**General and Technical Data**

Recommended letdown ..... .5% to 20% depending on desired efficacy  
Pellet size ..... 60 pellets/gram  
Form supplied ..... Pellets  
Application ..... Injection Molding/extrusion/film  
Heat stability (additive) ..... 300°C  
Packaging ..... Gaylord, drum, or bag

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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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