



## Product Description

# ACX 127073 Acrylonitrile Butadiene Styrene (ABS) Anti-Stat Masterbatch 50% Active

### INTRODUCTION

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ABS is inherently hydrophobic allowing the buildup of static charge. Excessive static causes processing problems during manufacturing and handling. This buildup also creates dust accumulation problems in its end use applications. ACX 127073 is a 50% masterbatch of a proprietary additive that improves antistatic properties and reduces dust accumulation.

### BENEFITS

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- ACX 127073 is provided in masterbatch form to facilitate handling and processing
- Proprietary chemistry provides longer lasting antistatic properties
- Less corrosive compared to traditional Amine chemistry
- Good performance in low humidity environments

### RECOMMENDED USAGE

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Typical use levels will range from 2% to 5% depending on application, part thickness, desired antistatic performance and duration of effects.

The optimum additive loading in the final part depends on the specific processing conditions and environment the part is to be used in. The processor will need to confirm the optimum loading level for each particular end use.

### STORAGE AND HANDLING

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ACX 127073 is highly hydrophilic, and readily absorbs moisture. It should be stored in closed containers in a cool and dry environment to prevent water absorption.

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This information is intended to be used only as a guideline for designers and processors of modified thermoplastics for injection molding. Because injection mold 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 compound 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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