



## Product Description

### **ACX 111257 Polyethylene (PE) Anti-Stat Masterbatch 20% Active**

#### **INTRODUCTION**

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Polyolefins are inherently hydrophobic allowing the build-up of static charge. Excessive static causes processing problems during manufacturing and handling. This build-up also creates dust accumulation problems in end use applications.

ACX 111257 is a 20% masterbatch of a proprietary Amide that improves anti-static properties and dust accumulation issues with polypropylene and polyethylene.

#### **BENEFITS**

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- ACX 111257 is provided in masterbatch form to facilitate handling and processing.
- Proprietary chemistry provides longer lasting anti-static properties.
- Good performance in low humidity environments.
- Less corrosive compared to traditional Amine chemistry.

#### **RECOMMENDED USAGE**

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Typical use levels range from 1% to 6% depending on application, part thickness, desired anti-static performance and duration of properties. This product is supplied in a granular form.

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

#### **STORAGE AND HANDLING**

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ACX 111257 is highly hydrophilic, and readily absorbs moisture. It should be stored in closed containers in a cool and dry environment to prevent water absorption.

10 JAN 2006

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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