Product Description

ACX 111256
Polyethylene (PE)
Anti-Stat Masterbatch
50% GMS

INTRODUCTION

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 111256 is a 0% masterbatch of Glycerol Mono Stearate (GMS) that improves anti-static properties and dust accumulation issues with polyolefines. ACX 111256 also offers prevention against cell collapse and cell stabilization in PE and LDPE foam.

BENEFITS

- ACX 111256 is provided in masterbatch form to facilitate handling and processing.
- Improved hydrolytic stability over GMS flake.
- Fast acting anti-stat provides excellent anti-static properties.
- Improved control of diffusion rate of physical blowing agents.
- Higher cell counts, smoother surface and improved physical properties in finished foamed articles.
- High GMS loading provides cost advantageous in use and shipping.

RECOMMENDED USAGE

Typical use levels range from 0.5 to 5.0% 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 end use application.

STORAGE AND HANDLING

ACX 111256 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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