



## Product Description

**FCX 27301**  
**Polyethylene (PE)**  
**Foaming Agent Masterbatch**  
**Exothermic**

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## INTRODUCTION

Foaming agents, or chemical foaming agents (CFAs), are sometimes referred to as chemical blowing agents (CBAs) and are used to foam thermoplastic resins to impart a cellular structure to the material. Exothermic foaming agents are designed for applications that require fine, uniform, closed cell structures.

## BENEFITS

- FCX 27301 is provided in masterbatch form to facilitate handling and processing
- Exothermic release of gases
- Weight reduction
- Provides good surface quality
- Rapid degassing
- Non-discoloring
- For use in PP, PE, POM, PA 11, PA 12
- FDA and RoHS compliant

## RECOMMENDED USAGE

Typical use levels range from 0.25 to 3.0% depending on application, process, part thickness, and desired effects.

## STORAGE AND HANDLING

FCX 27301 should be stored in a cool, dry environment in closed containers. Keep away from heat, sparks, open flames and combustibles.

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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