



Endex International

Innovation for the Future

ENDEX 3750™

Endothermic Chemical Foaming Agent and Process Aid

Endex 3750™ is a 50% concentrate in a polymer carrier. It can be used in a wide range of commodity and engineering plastics, combining quality and efficiency with the benefits of versatility and cost effectiveness.

Endex 3750™ endothermic chemical foaming agent utilizes innovative technology to produce superior quality foamed products. It generates fine, closed-cell foams, which result in moldings and extrusions of high quality.

Endex 3750™ Processing Aid can be used in injection molding for cycle time reduction, improved polymer flow, reduced processing temperatures, improved weld line strength, and to eliminate molded-in stresses which cause warp and sinks.

Endex 3750™ is intended for use in a wide variety of processes, including:

- Injection molding for cycle time reduction, sink marks, warp reduction, shrink control.
- Structural Foam molding (SFM). Gas Counter-pressure foam molding.
- Nitrogen SFM for finer cell structures and extra weight reduction.
- Gas Assist molding for extra weight reduction and sink elimination.
- Extrusion of Sheet, Film, and Profiles.
- Blow Molding, Rotational Molding.

Endex 3750™ use levels will vary with the application, but the following guidelines can be used as a starting point. Optimization for each application is recommended:

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|------------------------------|-------|
| • Structural Foam Molding | 1.0 % |
| • Sink Mark Elimination | 0.2 % |
| • Nitrogen Foam Molding | 0.3 % |
| • Extrusion and Blow Molding | 0.3 % |

Endex 3750™ has many advantages for the plastics processor, including:

- Fine cell structure
- Shorter cycle times
- Faster extrusion
- Thick, smooth skins in SFM
- Fast degassing
- Fast painting and decorating
- No plate-out on molds
- Beryllium-copper compatible
- G.R.A.S. or FDA sanctioned ingredients

Endex 3750™ is available in 1000 lb boxes.

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You can also visit our website at: www.endexint.net or email us at info@endexint.net for more information.

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