



# Endex International

Innovation for the Future

## ENDEX 1725™

### Endothermic Chemical Foaming Agent and Processing Aid

Endex 1725™ is a 25% 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 1725™ 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 1725™ 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 1725™ is intended for use in a wide variety of processes, including:

- Injection molding for cycle time reduction, sink marks, warp reduction, and 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 1725™ use levels will vary with the application, but the following guidelines can be used as a starting point. Optimization for each application is recommended:

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

Endex 1725™ 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 1725™ is available in 1000 lb boxes.

## Contacting Endex International

**Canada:**

487 Westney Road South,  
Unit #8  
Ajax, Ontario L1S 6W8  
Phone: 905.686.4335  
Fax: 905.686.6691

**USA:**

1500 Dearborn Ave # 9  
Aurora, IL 60505  
Phone: 1800 Endex 50  
Fax: 905.686.6691

**UK:**

9 Abbey Close  
Alcester, B49 5QW  
Phone: 01 789 765762  
Fax: 01 789 765572

You can also visit our website at: [www.endexint.net](http://www.endexint.net)

or email us at: [endexinternational@rogers.com](mailto:endexinternational@rogers.com) for more information.

Note: To the best of our knowledge, the above information is correct. Since the way these products may be used is beyond our control, no responsibility is accepted by Endex International, Inc. for any loss or expense arising from their use. No liability is accepted if use of these products infringes any patent.

© Copyright Reserved 2013 by Endex International, Inc., 0704