Distributed in Canada by

CCC Plastics

iD Foaming Agents

Micro Fine Cell

Endothermic

Exothermic

One-Pellet-Solutions

iD LiquiD Foam

Foaming parts that could never be foamed before

Benefits of Using iD Foaming Agents

- **Cycle Reduction:** Faster fill time, less pack time, improved screw recovery, less cooling time.
- **Weight Reduction:** Less pack pressure, better fill rate, improved flow and reduced shot size.
- **Warp Reduction:** Better fill rate, less pack pressure, less packed in stress.
- **Improved Processing:** Opens process windows in thin wall applications, better fill rates with improved flow. Better color dispersion; reduces viscosity in the polymer for better mixing of color.





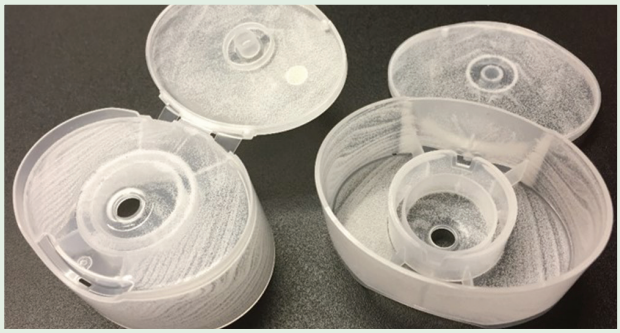
Performs equally well in flexible or rigid polymers

- Polyolefins: Polyethylene, Polypropylene
- Styrenics: GPPS, HIPS, ABS and SAN
- Polyurethanes
- TPE's & TPO's
- Engineering Grades and High Temp Resins

Faster cycle times - material savings

This flip-top closure was produced with:

- 17% faster cycle times
- 5% material savings, and
- No sacrifice in part quality, even with a living hinge!



Annual Material Savings	**$67,000**
Annual Production Savings	**1,200 hrs**

all by introducing iD Additives foaming agents to the process!

Source: Sumitomo (SHI) Demag and NyproMold

Receive a FREE audit of your foaming process by our highly qualified staff

Distributed in Canada by

CCC Plastics

Micro Fine Cell

Works in a number of different processing applications

Injection Molding: The Micro Fine Cell produces foam with a much smaller and tighter cell structure than normal endothermic CFAs, resulting in improved appearance and better physical properties. It is very effective in thin wall applications such as caps and closures.

Extrusion Blow Molding: The Micro Fine Cell used in extrusion blow molding applications can provide substantial savings in polymer and cycle without detracting from the cosmetics.

Film and Sheet Extrusion: The Micro Fine Cell has an extremely fine cellular structure which makes it ideal for film and sheet extrusion. It works well in common packaging resins such as PE, PP, PS and PET.

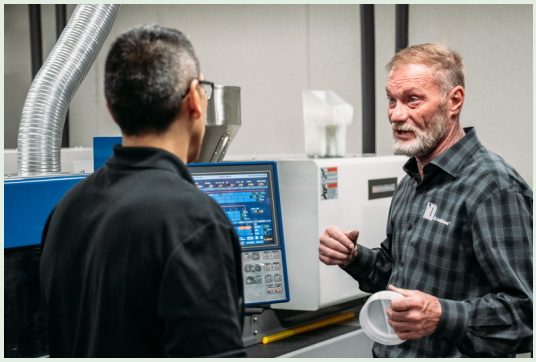
Wire and Cable Extrusion: The Micro Fine Cell has an extremely fine cellular structure which makes it ideal for wire and cable extrusion.

Pipe, Profile and Lumber Extrusion: With our new Micro Pellet Technology, the Micro Fine Cell is ideal for extrusion applications that require extremely fine cellular structure.

We offer a wide variety of foaming agents using the Micro Fine Cell technology with varying levels or activity and activation temps. Please check with your iD Additives sales representative for specific processing information for your products. As with all iD Additives products, we offer complete technical support in running our products in your processes.

All of our Micro Fine Cell foaming agents can also be paired up with Color and/or other additives such as UV Stabilizers to create a One Pellet Solution.







All of our foaming agents are now available in a Micro Pellet version for better dispersion in your applications.

iD Additives™

YouTube

Scan here and Check Out Our Videos on our YouTube Channel!

Unmatched Technical Support for Innovative Products!

Phone 708.588.0081 • Fax 866.223.8507 • iDadditives.com • Email info@idadditives.com