

TecoCell H1 chemical foaming agent is a specially formulated concentrate that is recommended for foaming polyolefins and polystyrene, and for the nucleation of these polymers when formed with physical blowing agents. This product is targeted for customers looking for an eco-friendly chemical foaming agent for applications that require no initial capital investment.



Typical Properties and Recommendations

| | |
|---------------------------------|--|
| Activation Temperature: | >200°C / 393°F |
| Minimum Processing Temperature: | >220°C / 430°F |
| % Active: | ~50% |
| Carrier Resin: | Proprietary |
| Color and Appearance: | White round or oval pellets |
| Bulk Density: | ~39 lbs/ft ³ |
| Specific Gravity: | 1.329 g/cm ³ |
| Usage Level: | Start at 1% and adjust levels as required to obtain target properties. |

Regulatory Compliance

| | |
|-----------------|---|
| FDA Compliance: | Complies with FDA regulations for food packaging and food contact applications |
| TSCA: | The components of this material are reported in the US EPA TSCA inventory and the Canadian DSL. |
| RCRA: | Not a hazardous material or hazardous waste by listing or characteristic |
| SARA Title III: | Section 302, Extremely Hazardous Substances: None |
| | Section 311/312, Hazardous Categories: No SARA Hazards |
| | Section 313, Toxic Chemicals: None |

The information and recommendations made herein are based on the research of others and are believed to be accurate. However, nothing herein is to be taken as a warranty, expressed or implied, regarding the accuracy of the information or the use of this product, and purchasers should make their own tests and evaluation to determine the suitability of this product in their application. Nothing herein is to be construed as a recommendation to use or as a license to operate under or to infringe any existing patents.

About Trexel

Trexel Inc., widely known as the company that developed and commercialized the MuCell® Process for the production of microcellular foamed parts in injection molding and blow molding, expands its foaming portfolio with the introduction of TecoCell® chemical foaming agents. Trexel adds the TecoCell products to complement its MuCell product line for those applications where a chemical foaming agent offers cost and processing advantages.

TecoCell® chemical foaming agents can be a cost-effective alternative to physical foaming systems for 1) low volume applications, 2) when there is no budget for capital or 3) for those considering foaming for the first time.

Microcellular Foaming Products from Trexel

MuCell® physical foaming systems

- Excellent microcellular structure in most materials, including high temperature, filled materials and engineering grade resins
- Higher weight reduction
- Flatter parts and better dimensional stability
- Higher capital investment
- Lower running costs

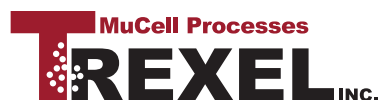
TecoCell® chemical foaming agents

- Excellent cell structure in unfilled materials
- Better part aesthetics
- Lower capital investment
- Higher running costs
- Cost-effective in lower volume applications
- Easier implementation in blow molding applications

For more information, please visit www.trexel.com.

MuCell and TecoCell are registered trademarks of Trexel Inc.

- HEADQUARTERS
- SUBSIDIARIES
- TECHNICAL CENTERS



Trexel, Inc.
100 Research Drive Wilmington, MA 01887 USA
Tel: 781 932-0202 | Fax: 781 932-3324
www.trexel.com