



PRODUCT DATA SHEET

EPIcell 402

Exothermic Chemical Foaming Agent

EPIcell 402 is a 25% azodicarbonamide concentrate compounded in a polyolefin carrier resin. It is intended for use in the production of cellular plastics in both injection molding and extrusion applications. EPIcell 402 is permitted for use in food contact applications. Most polyolefins can be foamed with EPIcell 402.

Other benefits include:

- uniform weight reductions
- cost competitive
- fine cell structures
- consistent results
- superior physical properties
- lower raw material & production costs

Typical Properties	Typical Value, Units
Physical Form	Polymer Pellet
Specific Gravity (H ₂ O=1)	1.04 – 1.08
Activity	25%
Process Temperatures	350 – 500° F

These are not specifications. Analysis obtained on a composite sample will approximate these published values.

Recommended Use Levels:

- structural foam molding 1.0 - 2.5%
- sink mark elimination..... 0.3 - 0.7%
- extrusion applications.....0.5 - 2.0%

The recommended use levels are intended as a guideline. Optimization is necessary for each application because of the differences in equipment. For additional information, please contact EPI or you local EPI agent.

Standard Packaging: 55 lb. bags, 1,000 lb. boxes

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