

Chemical Foaming Agents for Rotational Molding Applications

Bergen International has a chemical foaming agent for your rotational molding application, whether your process is a one step shot, or employs drop box technology.

Our chemical foaming agent line includes products that allow rotational molders to:

- Produce a wide range of foam densities and wall thicknesses.
- Maintain more uniform wall thickness.
- Achieve increased wall thickness at reduced weight ratios.
- Achieve full dispersal of the CFA for a consistent high-quality cell structure and improved physical properties of the molded part.
- Perform multi-layered molding including skin/foam and skin/foam/skin.
- Process a wide range of thermoplastics.
- Yield lighter more buoyant parts with better insulating properties.



XOP-341 Chemical Foaming Agent for Rotational Molding

Among Bergen's line of CFAs for rotational molders is XOP-341 -- a chemical foaming agent powder that is used in both one step shot, or drop box roto-molding processes. XOP-341 yields fine cellular structures, excellent foam expansion, and even smooth skins in single stage applications. In addition, XOP-341:

Blends with any roto-grade resin

- Giving molders the freedom to add to their resin at 0.5, 0.75, 1.0, 1.5%, and up.
- Proven to reduce density by as much as 40, 50, 60% and increase part wall thickness by 4, 5, 7 times in MDPE by adding 0.5, 0.75, 1.0% respectively

Is Generally Recognized as Safe by FDA

- Food/potable water contact is not an issue where as Azodicarbonamide is being phased out in these applications around the globe.

Releases CO2 gas instead of unpleasant Ammonia and Sulfur released by Azodicarbonamide and OBSH

Is Non-flammable/non-hazardous material whereas Azo and OBSH are Class 4.1 Flammable Solids

Yields fine cell structure

Works in both single stage and drop box/multi-shot process

For more information on XOP-341 or other rotational Molding CFAs please call **1-866-554-4951**.

Bergen International is focused solely on Chemical Foaming Agents -- offering endothermic, exothermic and endo/exo blends compatible with most of the polymers used in foaming applications -- and has the ability to offer chemical foaming agent solutions tailored to your rotational molding needs.



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"Your #1 Source for Chemical Foaming Agents"



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