

## SAFOAM<sup>®</sup> FPE-50

### DESCRIPTION

**SAFOAM<sup>®</sup> FPE-50** is a pellet concentrate of an endothermic (heat absorbing) chemical nucleating and foaming agent for the creation of a foam structure in thermoplastics. It is commonly used in injection molding to reduce machine energy, remove sink marks, limit warp, improve cycle time and for weight reduction. In extrusion operations it is used for the creation of very fine cells to reduce density and improve throughput in medium density extrudate.

Recommended for use in PE, EVA, PET, PP, TPE and TPO.

### TYPICAL PROPERTIES

<b>Total Gas Evolution:</b>	100 ± 10 ml/gram
<b>Appearance:</b>	Off-white pellets
<b>Bulk Density:</b>	0.60 ± 0.10 grams/cc
<b>Odor:</b>	Faint Odor
<b>Decomposition Temperature:</b>	158°C (316°F)
<b>General Dosing Recommendations:</b>	0.5% – 2.0%

All active ingredients are Generally Recognized As Safe (GRAS) by the FDA.

**SAFOAM<sup>®</sup>** is manufactured in accordance with applicable FDA Good Manufacturing Practices (GMPs) 21 C.F.R. Part 110.

### PACKAGING

50 lb. (23 kg.) Poly bags

*Updated 1/2015*

This information has been compiled with utmost care and is intended to provide general information on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. The right to adapt the information at any time to new developments is reserved. Intellectual property rights must be observed.