

## SAFOAM<sup>®</sup> PN-40E

### DESCRIPTION

**SAFOAM<sup>®</sup> PN-40E** 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 cells to reduce density and improve throughput in medium density extrudate.

Recommended for PP, TPO, EVA, HIPS/GPPS, PE, PET, POM, PPE/PPO, PPS, TPE, TPO and SAN.

### TYPICAL PROPERTIES

<b>Total Gas Evolution:</b>	85 ± 10 ml/gram
<b>Appearance:</b>	Off-white pellets
<b>Bulk Density:</b>	0.70 ± 0.10 grams/cc
<b>Odor:</b>	Faint Odor
<b>Decomposition Temperature:</b>	175°C (347°F)

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.) Lined boxes

*Updated 1/2015*

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