



“Speed, Quality, Economy...”

Product Data Sheet

High-Temperature Blowing Agents

PRODUCTS: **AccelMax™** BA-HE25 **AccelMax™** BA-HE50
AccelMax™ BA-HE70 **AccelMax™** BA-HE90

DESCRIPTION: High-temperature, endothermic blowing agents based in a universal carrier.

USAGE: Dependent on application. Suggested starting levels are:

AccelMax BA-HE25	1.0% - 5.0%
AccelMax BA-HE50	0.5% - 2.5%
AccelMax BA-HE70	0.5% - 2.0%
AccelMax BA-HE90	0.5% - 2.0%

APPEARANCE: White pellet.

ODOR: Faint odor.

HMIS RATING: 1-1-0

SPECIFIC GRAVITY:

AccelMax BA-HE25	1.94
AccelMax BA-HE50	1.72
AccelMax BA-HE70	1.76
AccelMax BA-HE90	1.81

GAS VOLUME:

AccelMax BA-HE25	38.0 - 43.0 ml/g
AccelMax BA-HE50	80.0 - 90.0 ml/g
AccelMax BA-HE70	100.0 - 110.0 ml/g
AccelMax BA-HE90	145.0 - 160.0 ml/g

PROCESS

TEMPERATURES: 375 - 425 F (190 - 220 C)

DECOMPOSITION: Thermal decomposition produces carbon dioxide. The levels are dependent on temperature.

COMMENTS:

- ▶ All of the ingredients in this product are considered non-toxic and non-migratory and are considered GRAS (generally recognized as safe) for use in food contact polymers under the regulations of the FDA. However, please be aware that it is the responsibility of the part manufacturer to obtain any specific FDA approval of their product.
- ▶ For use in injection molding and extrusion applications.
- ▶ Fine, uniform cell size and nucleating properties.
- ▶ Parts can be painted or otherwise decorated or printed immediately after molding.