

TECHNICAL DATA SHEET**DESCRIPTION**

PUMA[®] 2142 is one of the most active amine blowing catalyst available. PUMA[®] 2142 catalyzes both the blowing and gelling reactions. Its unique emphasis on the isocyanate reaction has established it as the industry standard for all types of polyurethane systems where efficient catalysis of the blowing reaction is required.

APPLICATION

PUMA[®] 2142 is the established blowing catalyst for all types of flexible foam. Its strong catalytic effect on the blowing reaction can be balanced by the addition of a strong gelling catalyst. When used in flexible slab stock formulations it improves the processing of all grades of foam ranging from low to high density, and from filled to high resiliency grades. The unique performance characteristics of PUMA[®] 2142 catalyst makes it an effective choice for high resilience molded foam. In this application, a catalyst system containing both PUMA[®] 2142 and a strong gelling catalyst, like PUMA[®] 2130, will effectively meet most standard processing requirements.

GUARANTEED VALUES

Parameter	Value
bis(2-dimethylaminoethyl)ether content	99% min.
Water content	0.25% max.

TYPICAL VALUES

Parameter	Value
Physical State	Amber to colorless liquid
Odor	Ammoniacal
Flash Point (Closed cup)	66 °C / 151 °F
Specific Gravity (Water = 1)	0.85
Vapor Pressure at 21 °C (70 °F)	0.28 mmHg
Boiling Point	189 °C / 372.20 °F
Solubility in Water	100%
Drum net weight	170kg / 375lb

NOTES

The information contained herein is, to the best of our knowledge and belief, accurate. We make no guarantee of results and assume no liability for damages incurred by following these suggestions or any other product use. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.