

TECHNICAL DATA SHEET**DESCRIPTION**

PUMA[®] 2140 is one of the most active amine blowing catalyst available. It consists of 70% bis(2-dimethylaminoethyl)ether diluted with 30% dipropylene glycol. Although PUMA[®] 2140 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[®] 2140 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 slabstock formulations, PUMA[®] 2140 catalyst improves the processing of all grades of foam ranging from low to high density. The unique performance characteristics of PUMA[®] 2140 catalyst make it an effective choice for high resilience molded foam. In this application, a catalyst system containing both PUMA[®] 2140 and a strong gelling catalyst will effectively meet most standard processing requirements.

GUARANTEED VALUES

Parameter	Value
bis(2-dimethylaminoethyl)ether content	69% min.
Water content	0.25% max.

TYPICAL VALUES

Parameter	Value
Physical State	Clear liquid
Odor	Ammoniacal
Flash Point (TCC)	71 °C / 160 °F
Specific Gravity (Water = 1)	0.90
Vapor Pressure at 21 °C (70 °F)	0.58 mmHg
Boiling Point	190 °C / 374 °F
Solubility in Water	100%
Drum net weight	170kg / 375 lb

NOTES

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