

Niax* Catalyst EF-100

Product Description

Niax catalyst EF-100 is an isocyanate reactive, tertiary amine catalyst used in the manufacture of polyurethane foams that exhibit selective “blowing” activity towards reaction of water and isocyanate.

Key Features and Typical Benefits

- Non-fugitive amine catalyst due to presence of reactive OH group
- Strong blow reactivity and wide processing latitude
- Good foam physical properties comparable to those of a classic blowing catalyst such as Niax A-1 catalyst
- Reduced foam odor and emissions to aid in compliance with VDA 278 requirements

Typical Physical Properties

Appearance	Clear Liquid
Specific gravity at 25 °C (g/cm ³)	0.954
OH value (mg KOH/g)	295
Solubility in water	Soluble

Typical properties are average data and are not to be used as or to develop specifications.

Potential Applications

Potential applications include:

- flexible slab-stock foams
- high resilience molded foams
- viscoelastic foams
- rigid open-celled foams for spray and packaging
- microcellular and integral skin

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

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Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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