

Niax* catalyst A-107

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Description

Niax catalyst A-107 is an amine catalyst for the water/isocyanate (blow) reaction. This catalyst delays the onset of the reaction, allowing higher concentrations to be used with a corresponding decrease in demold time but with excellent cure. The longer reaction delay time provides the mixed foam components with sufficient time to flow and fill the mold cavity. Furthermore, it imparts good open-celled characteristics to the foam part, without adversely affecting foam physical properties.

Typical Physical Properties

Specific Gravity at 20/20°C	1.0396
Boiling Point at 760 mm Hg, °C (°F)	157 (315)
Freezing Point	Sets to glass below -36°C (-33°F)
Vapor Pressure at 20°C, mm Hg	0.61
Solubility in Water	Complete
Flash Point, °C (°F)	65 (149)
Tag Closed Cup ⁽¹⁾	65 (149)

(1) ASTM Method D56

Use Levels

Niax catalyst A-107 should be used at 1.33 parts for each 1 part of Niax catalyst A-1. This replacement level provides a rise time similar to that of Niax catalyst A-1 with a much slower cream time, by about 20 percent.

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.

Limitations

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

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com

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