

NIAX* Catalyst A-577

URETHANE ADDITIVES - FLEXIBLE SLABSTOCK FOAM



Niax catalyst A-577 is a very powerful liquid, delayed-action, tertiary amine catalyst that is very selective to the gelling (urethane forming) reaction.

Key Features and Typical Benefits

- extremely powerful foam endcure
- delayed-action extends pour time needed for pouring complex parts
- improved flowability

Potential Applications

Niax catalyst A-577 may be used for low-density SRIM systems, but it also can be used in some microcellular elastomer and integral-skin applications. Niax catalyst A-577 is highly delayed, but provides very powerful endcure following the gel point in a typical foam reactivity profile. This provides the benefit of allowing good foam flowability while achieving a very fast foam endcure. This is extremely important in low-density SRIM systems, where both foam flowability and fast demold times are major requirements.

Typical Physical Properties

Specific Gravity, @ 25°C	1.123
Viscosity, cSt @ 25°C	20.4
Freezing Point, °C	< -20
Flash Point (PMCC), °C (°F)	146 (295)
Hydroxyl Number, without water	968
apparent with water	1071
% Water	1.7

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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 considering the use of this product should review the latest Material Safety Data Sheet and label for product safety information, handling instructions, personal protective equipment if necessary, and any special storage conditions required. Material Safety Data Sheets are available at www.momentive.com or, upon request, from any Momentive Performance Materials representative. Use of other materials in conjunction with Momentive Performance Materials products 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.

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