

## Niax\* silicone L-6186

### Description

Niax silicone L-6186 is a non-hydrolyzable silicone copolymer that can be considered primarily for use in the manufacture of open cell, rigid polyurethane and polyisocyanurate foam.

### Key Features and Typical Benefits

- Niax silicone L-6186 is a silicone co-polymer providing cell stabilization and cell opening effect in water-blown rigid foams.
- Niax silicone L-6186 can be used in spray, continuous or discontinuous formulations and is generally soluble and stable in fully formulated systems.
- Niax silicone L-6186 can be used in formulations with both high or low NCO index, based on polyether or polyester polyols.
- catalysts indicated for such systems are Niax catalyst DMEE and Niax catalyst Potassium Octoate LV, which impart virtually no amine smell to the final foam.
- foam stabilization generally can be increased with an increased amount of Niax silicone L-6186, allowing delay in the cell opening time. Typical starting use level is 1% of the polyol side, up to 4%.

### Typical Physical Properties

Appearance	Clear, pale yellow liquid
Viscosity at 25°C, cSt	320
Specific Gravity at 25°C	1.05
Freezing Point °C	10
Flash Point, Pensky Martens closed cup, °C	80.2

### 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.

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### Limitations

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### Contact Information

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For literature and technical assistance, visit our website at: [www.momentive.com](http://www.momentive.com)

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