

Niax* Silicone L-6186

Product Description

Niax silicone L-6186 is a non-hydrolyzable silicone copolymer used in the manufacture of polyurethane foams and is an excellent candidate for use in open cell formulations totally blown with water, having either a high or low NCO index, based on polyether or polyester polyols.

Key Features and Typical Benefits

- High open cell content in water-blown rigid foams
- Fine and regular foam structure
- Excellent cell stabilization, which can be increased at greater silicone levels to allow delay in cell opening time
- Broad compatibility in polyol blends

Potential Applications

Applications where high open cells content is relevant, such as:

- Spray foams
- Pour-in-place
- Packaging

Typical Physical Properties

Appearance	Clear, pale yellow liquid
Viscosity (25°C) cSt	320
Specific gravity, 25°C	1,05
Freezing Point °C	10

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

General consideration for use

The typical product usage range is 1.5 to 4.0 parts per hundred of polyol (php).

In formulations with high open cell content, catalysts such as Niax catalyst DMEE or Niax catalyst Potassium Octoate LV are recommended to minimize amine smell in the final foam.

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.

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