

Niax* silicone L-5440

Product Description

Niax silicone L-5440 is a non-hydrolizable silicon copolymer used as a general purpose foam stabilizer in the manufacture of rigid polyurethane foams, including rigid foam systems blown with HCFC 141b as well as alternative blowing agents such as HFCs, HFOs, HCs, Methyl formate and Methylal in combination with high water levels.

Key Features and Typical Benefits

- Good balance of flow and dimensional stability
- Fine, uniform cell structure leading to good thermal insulation performance
- Effective stabilization of systems with very slow reaction profiles, leading to:
 - Improved emulsification of blowing agents thus reduced density
 - Avoidance of cells coalescence and void formation

Typical Physical Properties

Appearance	Clear liquid
Viscosity (25 °C), cSt	600
Specific Gravity, 25 °C	1,061
Freezing Point, °C	-20

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

Potential Applications

- Refrigeration foams
- Lamination foams
- Pour in place applications

General Considerations for Use

The typical use level range for Niax Silicone L-5440 is 1.5 to 3.0 parts per hundred of polyol (php).

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. Momenive 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 Momenive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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