

Niax* Silicone L-5639

Product Description

Niax silicone L-5639 is a lower VOC, non-hydrolyzable, mechanical froth surfactant that offers high closed cell content, as well as reduction of both froth density and shear induced cell collapse.

Key Features and Typical Benefits

- Stabilization of mechanically frothed foam via:
 - Reduced froth density (< 27 pcf)
 - Reduced shear-induced cell collapse under doctor blade
 - Reduced bubble coalescence in oven cure conditions
 - Fine, microporous cell structure
- Lower VOC content compared to Niax silicone L-5614
- Increased closed-cell content compared to Niax silicone L-5614 and Niax silicone L-5617
- Non hydrolyze-ability

Potential Applications

- Automotive - parts produced via mechanical frothing, integral skin and RIM
- Electronics - gasketing, sealing and tapes
- Medical - bandages, padding and tapes

Typical Physical Properties

Appearance	Clear Liquid
Viscosity at 25 °C, cSt	<30,000
Specific Gravity at 25 °C	1.013

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 0.4 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. 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

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

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