

Niax* silicone L-627

Description

Niax silicone L-627 is a specialty low viscosity silicone, designed specifically for viscoelastic foam and low permeability slab formulations. Its unique cell opening characteristics helps improve processing latitude in tight foam formulations and in high density foams.

Key Features and Benefits

- Niax silicone L-627 provides a fine and open cell structure, with good processing latitude
- Generally, Niax silicone L-627 is used in conjunction with other surfactants (Niax silicone SC-154 / Niax silicone SC-155 / Niax silicone L-620)
- Niax silicone L-627 is a candidate for consideration for use in semi-rigid slab foams for automotive headliner systems to help prevent shrinkage.

Typical Physical Properties

Form	Lightly hazy liquid
Viscosity @ 25°C, cSt	5000
Specific Gravity @ 25°C	0.91
Flash Point, Pensky Martens Closed Cup (ASTM D 93), °C (°F)	116 (240)
Freezing Point, °F	-52

Note: Niax silicone L-627 can either be premixed with other surfactants or added as a separate stream.

Potential Applications

Niax silicone L-627 has found use in the manufacture of high density viscoelastic foams like those used in high-performance bedding. This unique surfactant is of greatest utility when foam having density =3.0 pcf (48 kg/m³) is desired.

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.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

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

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