

Niax* Silicone L-6970

Product Description

Niax silicone L-6970 is a non-hydrolyzable silicone copolymer used in the manufacture of rigid polyurethane and polyisocyanurate foams, and is an excellent candidate for use in systems blown with a variety of blowing agents, ranging from HFCF 141b to HFC 245fa and hydrocarbons.

Key Features and Typical Benefits

- Fine cells delivering low thermal conductivity
- Reduced foam anisotropy, leading to improved compression strength and dimensional stability
- Good flow, excellent density distribution and reduced skin densification
- Excellent thermal conductivity

Potential Applications

Potential applications include rigid polyurethane and polyisocyanurate foams used for:

- Appliances
- Continuous lamination
- Blocks
- Pour-in-place applications

Typical Physical Properties

Appearance	Clear liquid
Viscosity (25°C) cSt	500
Specific gravity, 25°C	1,05
Freezing point, °C	-12

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 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.

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

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