

Niax* Silicone L-6645

Product Description

Niax silicone L-6645 is a silicone copolymer used in the manufacturing of rigid polyurethane foams with a range of continuous and discontinuous lamination processes. It is a versatile surfactant grade that is broadly compatible with typical rigid foam polyol blends, and can allow good foam flow.

Key Features and Typical Benefits

- Reduced cells coalescence during foaming and under high shear stress conditions for minimization of void formation
- Good compatibility with typical lamination formulations for clear system blend
- Reduced foam anisotropy for improved compression and dimensional stability while maintaining fine cells

Typical Physical Properties

Appearance	Clear to slightly hazy Liquid
Viscosity at 25 °C, cSt	1000
Specific Gravity at 25 °C	1.06
Freezing Point, °C	5

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

Potential Applications

- Continuous production of metal panels, pentane blown PUR and PIR systems
- Blocks and discontinuous processes

General Considerations for Use

The typical product usage level ranges from 2 to 4 parts (php), but may be higher in some instances where void formation is more aggressive.

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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