

## Niax™ Silicone L-6646

### Product Description

Niax silicone L-6646 is a silicone copolymer that may be used in the manufacturing of rigid polyurethane foams with a range of continuous and discontinuous production processes. It is a surfactant grade, optimized to minimize void formation as well as allow good foam flow and very fine cells. It is an excellent choice to consider for use in metal faced insulation panels produced by continuous lamination.

### Key Features and Typical Benefits

- Reduced cell coalescence during foaming and under high shear stress conditions
- Good compatibility with typical polyol pre-blends used in insulation panel applications
- Reduced foam anisotropy, generating foams with improved compression and dimensional stability

### Typical Physical Properties

Appearance	Clear to slightly hazy liquid
Viscosity at 25 °C, cSt	1100
Specific gravity at 25 °C	1.05
Freezing Point, °C	6

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

### Potential Applications

- Continuous production of metal panels, PUR or 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 reduction is more critical.

### 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](http://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.

## Customer Service Centers

For additional information, please contact our Customer Service Team

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