

Niax* Silicone L-670

Product Description

Niax Silicone L-670 is a medium potency, organosilicone surfactant and an excellent candidate to consider for use in flexible slabstock foam operations that use natural oil polyol, such as soy oil. This surfactant can improve the processing and physical properties of foam containing natural oil polyol. Niax Silicone L-670 is also an FR surfactant that minimizes the amount of FR additive required to pass flammability tests such as CAL 117, similar to Niax Silicone L-650 and Niax Silicone L-655. This surfactant can be considered for use in manufacturing processes that use CO₂ as auxiliary blowing agent to product flexible slabstock foams. It can help provide for excellent froth formation and stability as required for “CO₂ process” to make soft and low density foam.

Key Features and Typical Benefits

- Can provide excellent physical properties and processing for foams made with natural oil polyol
- Excellent FR performance and froth stability required for CO₂ process
- Wide foam processing latitude
- Excellent processing on all types of foam equipment

Typical Physical Properties

Appearance	Clear amber liquid
Viscosity at 25 °C, cSt	1670
Specific Gravity at 25 °C	1.017
Freezing Point, °C	< -26

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

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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