

Niax* Silicone L-835

Product Description

Niax Silicone L-835 is a high potency organosilicon surfactant with low emission properties. It is an excellent candidate to consider for flexible slabstock foam manufacturing processes that use CO₂ as an auxiliary blowing agent. Niax Silicone L-835 can help provide excellent froth formation and stability required by “CO₂ processes”, to make soft and low density foam grades. Niax Silicone L-835 can also help minimize the amount of flame retardant additive required to pass flammability testes like the CAL TB 117, similar to Niax Silicone L-635.

Key Features and Typical Benefits

Niax Silicone L-835 can provide:

- Low emission properties, with reduced content of low molecular weight siloxanes
- Excellent froth stability required for CO₂ processes, good froth density reduction
- FR performance, thus requiring less flame retardant additive
- Finest cell structure of FR surfactants
- Wide foam processing latitude
- Very broad grade range latitude
- Excellent processing on all types of foam equipment

Typical Physical Properties

Appearance	Clear liquid
Viscosity at 25 °C, cSt	1100
Specific Gravity at 25 °C	1.0270
Freezing Point, °C	< -4

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.

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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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