

Niax* Silicone L-6620

Urethane Additives - Rigid Foam

Product Description

Niax Silicone L-6620 is a silicone copolymer that may be considered for use in the manufacture of rigid polyurethane and polyisocyanurate foams. It can deliver increased nucleation and emulsification helping to provide better foam stability control and finer cells formation.

Key Features and Typical Benefits

- Niax Silicone L-6620 can be considered for foams obtained by continuous and discontinuous process blown with hydrocarbon or mixture of hydrocarbon and fluorinated blowing agents.
- Niax Silicone L-6620 can be used as main or as co-surfactant to improve the emulsification of blowing agents, especially hydrocarbons, and to reduce foam defects linked to an insufficient emulsification power, especially in foam produced by continuous lamination and at high levels of blowing agents.
- Niax Silicone L-6620 can have a strong nucleation power that can help to promote regular and very fine cells texture with improved insulation properties.
- Niax Silicone L-6620 can also improve compatibility of polyol and MDI extending the processability windows using high and medium pressure mixing devices.
- The common usage range for Niax Silicone L-6620 is 2.0 to 3.0 parts per hundred of polyol (php).

Typical Physical Properties

Appearance	Clear, liquid
Viscosity at 25 °C, cSt	750
Specific Gravity at 25 °C	1.05
Freezing Point, °C	< -10

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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