

Niax* Silicone L-6900

Description

NIAX Silicone L-6900 is a non-hydrolyzable silicone copolymer that may be considered for use in the manufacture of rigid polyurethane foams. It is an excellent candidate for hydrocarbons blown polyurethane foams used in appliances and in the construction industry. However, the experience has demonstrated its suitability as general-purpose surfactant for other rigid foam applications and with different blowing agents.

Key Features and Typical Benefits

- Suitable for use in systems for refrigeration, lamination and pour-in-place foam applications, using hydrocarbons as blowing agents and co-blown with water
- Provides good solubility of cyclo-pentane and cyclo/iso-pentane mixtures in the typical polyol formulations used in the appliances industry
- Delivers extremely fine celled foams, thus obtaining foams with very good thermal insulation performances
- Stabilization of foam growth in pour-in-place applications, in systems using water and HCFC 141b as blowing agents as well as HFCs or HFOs.
- The common level range for NIAx Silicone L-6900 is 1.5 to 2.5 parts per hundred of polyol (php).

Typical Physical Properties

Appearance	Clear, Pale Yellow Liquid
Viscosity at 25°C, cSt	720
Specific Gravity, 25°C	1.05
Freezing Point; °C	-6

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

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

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Limitations

Customers must evaluate Momenitive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

For product prices, availability, or order placement, contact our customer service at [Momentive.com/CustomerService/](https://www.momentive.com/CustomerService/)

For literature and technical assistance, visit our website at: www.momentive.com

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