



Niax* silicone L-6900

Description

Niax silicone L-6900 is a non-hydrolyzable silicone copolymer used for resin side addition in the manufacture of rigid polyurethane foams. It has been originally developed for water and hydrocarbons blown polyurethane foams, delivering very good foam stabilization and extremely fine celled foam; however industrial experience has demonstrated that it may also be used as a general purpose surfactant for other rigid foam applications.

Key Features and Benefits

- Current applications for Niax silicone L-6900 include refrigeration, lamination and pour in place foam applications with hydrocarbons and water co-blown systems.
- Niax silicone L-6900 provides extremely fine, regular foam structure delivering foams with top thermal insulation performance.
- Niax silicone L-6900 is an effective stabilizer in many circumstances and is suitable as well for HFC's third generation blowing agents.
- The common level range for Niax silicone L-6900 is 1.5 to 2.5 parts per hundred of polyol (php).

Typical Physical Properties

Form	Clear liquid
Viscosity at 25°C, cSt	720
Freezing Point; °C	-6
Color, GVS	3
Specific Gravity, 25°C	1.05
Cloud Point, °C	55
Hydroxyl Number, mg KOH per g	40
Flash Point, Pensky Martens Closed Cup (ASTM D 93), °C (°F)	92 (211)

Patent Status

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Contact Information

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