

Niax* silicone L-5690

Description

Niax Silicone L-5690 is a silicone/polyether copolymer developed for use in mechanical froth applications. Used as a co-surfactant, it can help stabilize froth in the mechanically frothed foam process. It is designed for use with a standard mechanical froth surfactant, such as Niax Silicones L-5614 and L-5617.

Key Features and Typical Benefits

When used with standard froth surfactants (e.g. Niax Silicones L-5614 and L-5617):

- Typical use level range between 25% - 50% of standard froth surfactant use level
- Increased stabilization of mechanically frothed foam
- Further reduce froth density
- Further reduce shear-induced cell collapse under doctor blade
- Reduce bubble coalescence in oven cure conditions
- Provide fine, microporous cell structure

Typical Physical Properties

Appearance	Pale Yellow Liquid
Color, GVS	<= 3
Specific Gravity, 25 °C	1.05
Hydroxyl Number, mg KOH/g	40
Freezing Point, °C	-6°C
Viscosity, 25 °C, cSt	720
Flash Point, Pensky-Martens Closed Cup ⁽¹⁾ ,	99 °C; 210 °F
(1) ASTM Method D93	

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

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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.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

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

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