

## Niax\* silicone L-1160

### Description

Niax silicone L-1160 is a linear polyether/polydimethylsiloxane/polyether block copolymer that has hydroxyl functionality to allow it to be chemically incorporated into polyurethane formulations. Niax silicone L-1160 is one of a series of silicone modifiers that is terminated with hydrophilic polyethers to allow better solubility in polar polyurethane components such as polyester polyols and polar solvents.

### Key Features and Typical Benefits

- Incorporation into a polyurethane matrix via free OH groups on its polyether chain
- Improved properties of final product, including:
  - Anti-sticking and anti-blocking
  - Softening and cold temperature flexibility
  - Abrasion resistance
  - Breathability
  - Hydrophobicity

### Potential Applications

- Elastomers
- Synthetic leather

### Typical Physical Properties

Appearance	Clear liquid
Viscosity (25 °C)	320
Specific gravity, 25 °C	1.05
Calculated OH value (mg KOH/g)	59

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](http://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.

### **Contact Information**

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

For literature and technical assistance, visit our website at: [www.momentive.com](http://www.momentive.com)

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