



## Baysilone Fluid PN 200

### Product Description

Baysilone Fluid PN 200 is a 100% methylphenylsiloxane of viscosity 200 mm<sup>2</sup>/s. It differs from the polydimethylsiloxanes of the GE Bayer Fluids M range not only in its chemical structure but also in its physical properties. Baysilone Fluid PN 200 exhibits better lubricating properties than Baysilone Fluids M, as well as very good compatibility with metal soaps and other additives used in grease production. It is ideal for the formulation of heat-resistant lubricating greases, especially for those requiring long-term thermal stability.

### Key Performance Properties

- Outstanding thermal stability
- Compatibility with numerous organic substances
- High radiation resistance
- Better lubricating properties
- Relatively low effect of temperature on viscosity
- Chemical inertness
- Good dielectric values (the dielectric strength of all Baysilone Fluids P ranges between 22 and 30 kV/mm at 25°C and 50% relative humidity)
- Low pour point
- Surface activity

### Applications

- Heat transfer media
- Lubricants for use at high temperatures
- Base oils for heat-resistant lubricating greases

### Typical Product Data

<b>Viscosity at 25 °C</b>	mm <sup>2</sup> / s	200
<b>Density at 25 °C</b>	g/ cm <sup>3</sup>	1.03
<b>Pour point</b>	°C	~ -65
<b>Flash point</b>	°C	~ 300
<b>Ignition point</b>	°C	~ 360

### Specifications

Typical product data values should not be used as specifications. Assistance and specifications are available by contacting GE Bayer Silicones.

### Containers

Baysilone Fluid PN 200 is available in 200kg drums, and 50 kg cans.

### Handling and Safety

Material Safety data Sheets are available upon request from GE Bayer Silicones. Similar information for solvents and other chemicals used with GE Bayer products should be obtained from suppliers. When solvents are used, proper safety precautions must be observed.

**Storage and Warranty  
Period**

The warranty period is 24 months from date of shipment from GE Bayer Silicones if stored in the original unopened container protected from moisture.

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