

## Baysilone\* Fluid KT 10

**Product Description** Baysilone Fluid KT 10 is a 100% polydimethylsiloxane of viscosity 10 mm<sup>2</sup>/ s. The product differs from organic materials in its physical and chemical properties such as high and low temperature stability, good dielectric properties, low interfacial energy, and chemical inertness. Baysilone Fluid KT 10 is particularly suitable for use as cold and heat transfer media in cryostats, thermostats, climatic simulation chambers, freeze-drying and heat transfer installations.

### Key Performance Properties

- virtual insolubility in water
- non-corrosive
- low setting points and vapour pressures
- high flash points
- low toxicity
- odourless
- no coking tendency under thermal stress
- high thermal stability
- resistance to aging
- no chlorine

### Applications

- Cooling and heat transfer media

### Typical Product Data

Property	Unit	Value
Viscosity at 25°C	mm <sup>2</sup> / s	10
Density at 25 °C	g/ cm <sup>3</sup>	0.938
Pour point	°C	< - 90
Flash point	°C	> 170
Ignition point	°C	> 400
Refractive Index at 25°C	n <sup>d</sup> <sub>25</sub>	1.398
Water Content	ppm	< 50

**Specifications** Typical product data values should not be used as specifications. Assistance and specifications are available from Momentive Performance Materials.

**Containers** Baysilone Fluid KT 10 is available in 50 kg cans, 190 kg drums, 900 kg totes, and 20,000 kg bulk containers.



**Handling and Safety** Material Safety Data Sheets are available upon request from Momentive Performance Materials. Similar information for solvents and other chemicals used with Momentive Performance Materials 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 Momentive Performance Materials if stored in the original unopened container protected from moisture.



PRINCIPAL LOCATIONS – Regional Information

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